



# CROSS-REFERENCE GUIDE PORTABLE VCR/CAMCORDER DIGITAL CAMERA/DIGITAL VIDEO DISC REPLACEMENT BATTERIES

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\*Indicates Internal Fit  
NLA: No Longer Available  
NYA: Not Yet Available  
NR: No Replacement

EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

AIPTEK		BELL & HOWELL		CANON (CONT'D)	
<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>	
A-HD-1	203	BH-725	248	EOS-KISS X50	415
A-HD720P/HD1080P	203	JMJ-20910	150	EOS-REBEL/10D	193*
AHD2/2PRO	203	JSJ-20900	146	EOS-REBEL SL1	437
DAM-Z5X/Z5X2	203	<b>Battery to Empire Battery #</b>		EOS-REBEL T1i	350
DVPW-V3	203	64324217	150	EOS-REBEL T2i/T3i/T4i/T5i	384
DZO, DZO-V37	203	HELIX HLX-U02	248	EOS-REBEL T3	415
DZO-V38	248	<b>BEN Q</b>		EOS-REBEL XS / XSi	350
DZO-V58N	203	<b>Model to Empire Battery #</b>		EOS-REBEL XT/REBEL XTi	204
DZO-Z33/Z53	203	DC C500	269	EOS-60D/60DA/70D	357
GO HD-720P	203	DC E43, DC E53, DC E63	269	EOS-400D	204
HD-1080P	203	<b>Battery to Empire Battery #</b>		EOS-450D	350
HDDV 8300	228	NP-900, 02491-0015-00	269	EOS-550D	384
MINI STB-1	228	<b>BLAUPUNKT</b>		EOS-M	437
POCKET DV 5700	203	<b>Model to Empire Battery #</b>		EQ-350	118
POCKET DV AHD100/200/300	203	CR-1500/1800/2000S	100C	ES-10V/20V/40/70/80/90/100	118
POCKET DV Z300HD	203	CR-4800/5000/6000	110	ES-50/55/60/65/75	161
POCKET DV AHDZ500PLUS	203	CR-8000/8010/8080	107	ES-170/180/190/200/200A/270	118
POCKET DV AHDZ600	203	PTV-260	100C	ES-280/290/300/400/400V/500	118
POCKET CAM8900	203	PTV8-77	109	ES-300V/410V/420V/520/520A	161
POCKET DVDDV-V1	203	<b>Battery to Empire Battery #</b>		ES-550/600/750/800/870/900	118
POCKET DV8800LE/8800N	203	AX-77/80	109	ES-970/1000/2000/2500/3000	118
POCKET DV H100	203	<b>CANON</b>		ES-4000/5000/6000/6500	161
POCKET DV T200	203	<b>Model to Empire Battery #</b>		ES-6500V/7000/7000V/8000	161
POCKET DVZ100LE/200	203	7084A001/7084A002	252	ES-8000V/8100V/8200V	161
POCKET DV Z100PRO	203	A-1, A-1.MARK II	132	ES-8400V/8600/8600V	161
POCKET DV Z200PRO	203	A-2/10	118	EX-1	118
POCKET DV Z300HD	203	A-5/50/520	194	F-1000S	100C
POCKET DV Z300HD-V	203	BG-E4	193	FR-1	161
TZA	203	CG-800	448	FS10*/11*/40*/100*/400*	376
V5V	203	CR-30A, CV-T60/65/70	100C	FS-20/21/22/31/200/300	376
V5VP	203	D30, D60	193	FV-2/10/20/30/40/50	193
Z5X5P	203	DC10/20/22/40/50/51/100	279	FV-100/200/300/400	193
<b>Battery to Empire Battery #</b>		DC210/220/230	279	FV500	204
DZO-V58N	203	DC310/320/330	204	FVM1/10	193
FNP120	228	DC410/420	338	FVM20/30/100/100KIT/200	204
NP60	203	DIGITAL	357	G1, G2, G3, G4, G5, G6	193*
<b>ANTON/BAUER</b>		DIGITAL 50/40	256	G10Hi/15Hi/20Hi/30Hi/35Hi/45Hi	161
DIONIC 90/160	292	DIGITAL REBEL XT/Xti	204	G1000/G1500/G2000	161
<b>AIWA</b>		DM-MV30/100X/100Xi	193	GLI,	161
<b>Model to Empire Battery #</b>		DM-MV400/430/450	193	GL2	436
CV-50/60/80, VF-80	103	E-06/07/08/09/20/30/40/50/51	118	H-440/460/480/520	118
<b>Battery to Empire Battery #</b>		E-53/5760/61/63/65/66/67	118	H-640/660/680/800/850	118
NP-22	103	E-70/77/80/90/210/230/250	118	H18 A1	132
<b>AKAI</b>		E-350/440/460/520	118	HFM50/52/56/500/506	432
<b>Model to Empire Battery #</b>		E-640/660/700/708/800/808	118	HG-10	204
PVC-4/8/8S/100E	110	ELPH 135	424	HR-10	279
<b>Battery to Empire Battery #</b>		ELURA	169	HFR26/27/28/205/206	429
BPN100/800	110	ELURA 2, 2MC, 10, 20MC	199	HFR30/32/36/38/40/42	432
<b>BAUER-BOSCH</b>		ELURA 40MC,50,60,65,70	204	HFR300/306/400	432
<b>Model to Empire Battery #</b>		ELURA 80, 85, 90	204	HV-10	280
VCC-306/506	104	ELURA 100	279	HV-20/30	204
VCC-326	107	EOS-1D/1D Mark II/Mark II N	252	IVIS HF10/11/20/100/200	448
VCC-400	112C	EOS-1DS/1DS Mark II	252	IXUS-85iS	348
VCC-516/526/550	100C	EOS-1D/1DS MARK III	347	IXUSi, IXUS II	233
VCC-606AF/610/616AF	110	EOS-1D MARK IV	347	IXUS-30/40	256
VCC-651	150	EOS-1V/1V HS/3	369	IXUS-200a/300a/320	198
VCC-656/660AF	110	EOS-5D/10/10D/10Da/10Ds	193	IXUS-300/330	194
VCC-806/816AH/826	107	EOS-5DMARK II/7D/MARKIII	357	IXUS-400/430/500	198
VRP-30	100C	EOS-6D/EOS 7D MARK II	357	IXUS-700/750	233
<b>Battery to Empire Battery #</b>		EOS-20D/20DA/30D/300D	193	IXUS-1100HS	398
BA20	101C	EOS-40D/50D	193	IXUS i ZOOM/IXUS Wireless	256
BA32-1	100C	EOS-350D/Kiss Digital N	204	IXUS i5, IXUS IIs	233
BA400	112C	EOS-1100D	415	IXUS-v/v2/v3/VII	198
BA600/601	110	EOS-C100	436	IXY-DV3/DVM3/DV5	204
BA800	107	EOS-D30/D60	193*	IXY-DVM	193
		EOS-D30/D60	193*	IXY-DVM5	280
		EOS-D2000/D6000	358	J10/J100	118
		EOS-Digital Rebel/Kiss Digital	193	L1, L2	132

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### EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

CANON (CONT'D)		CANON (CONT'D)		CANON (CONT'D)	
LEGRIA HF20/21/200	448	POWERSHOT N100	459	VIXIA-HFM30/31/40/41/300/400	338
LEGRIA HF M31/M32/M36	448	POWERSHOT PRO90/PRO90	193	VIXIA-HF M32	376
LEGRIA HF M306	448	POWERSHOT S10/20	194	VIXIA-HFR10/HFR11/HFR100	204
LEGRIA HF S10/11/20/21/100	448	POWERSHOT S30/S40/S45	204	VIXIA-HFR20/21/200	429
LEGRIA HF S200	448	POWERSHOT S50/S60/S70	204	VIXIA-HFR50/60/62/600	432
LEGRIA MINI X	459	POWERSHOT D60/D80	204	VIXIA-HFS10/HFS100	338
LX-100	132	POWERSHOT S90/95	348	VIXIA-HFS11/20/21/30/200	338
MV3/3MC/3i/3iMC/4/4iMC	199	POWERSHOT S100/200/230	198	VIXIA-HV30/40	204
MV5/MV5i/MV5iMC/MV6iMC	204	POWERSHOT S110	297	VIXIA M30/31/32/40/41/300/400	448
MV20/MV20i/MV100	169	POWERSHOT S230/300/330/4i	198	VM-E2/2A/2N	116
MV200/MV200i	161	POWERSHOT S410/430/500	198	VME-70A	118
MV-30/MV30i/300/400/400i/430	193	POWERSHOT SD10/20/100	233	VR-10/20/20A/30A/40A/50A	101C
MV-430i/430iMC/450/450i	193	POWERSHOT SD30/SD40	256	VT-LC50	118
MV-500/500i/530/530i/550/550i	193	POWERSHOT SD200/SD300	256	XA10	338
MV-600/600i/630i/650i	193	POWERSHOT SD400/430/450	256	XA20/25	448
MV-700/700i/730i/750i	193	POWERSHOT SD500/SD550	233	XF100/105/300/305	436
MV-800/830/830i/850i/880X	204	POWERSHOT SD600/SD630	256	XHG1S	161
MVX1/MVX1i/MVX2i/MVX3i	193	POWERSHOT SD750/750S	256	XHA1/XHA1S/ XHG1	436
MVX4i	280*	POWERSHOT SD780iS/850	256	XL1,XL1S,XLH1,XM1,XM2	161
MVX10i	199	POWERSHOT SD940iS/960iS	256	XL2	436
MVX20i/25i/30i/35i/40/45i	204	POWERSHOT SD1000	256	XLH1S/XLH15/XLH1-S/A	161
MVX100i/150i/Li	193	POWERSHOT SD700iS/800iS	297	XTI	204
MVX200/200i/250i/300/330i/350i	204	POWERSHOT SD770iS	348	ZR	169*
OPTURA	161*	POWERSHOT SD790iS	297	ZR-10/20/20MC/25/25MC	193
OPTURA 10, 20	193	POWERSHOT SD850iS/870iS	297	ZR-30/30MC/40/45MC/50MC	193
OPTURA 30, 40, 50, 60	204	POWERSHOT SD880iS/890iS	297	ZR-60/65MC/70MC	193
OPTURA 50MC,100MC,200MC	193	POWERSHOT SD900/950iS	297	ZR-80/85/85MC/90/90MC	193
OPTURA 300/300MC	199	POWERSHOT SD970iS/990iS	297	ZR-100/200/300/400/500/600	204
OPTURA 400, 500	204	POWERSHOT SD1100iS	256	ZR-700/800/830/850/960	204
OPTURA 600	280	POWERSHOT SD1300iS	348	ZR-900*/930*/950*	204
OPTURA D74b, PI, Xi	193	POWERSHOT SD1400iS	256	<b>Battery to Empire Battery #</b>	
OPTURA PI MiniDV	193	POWERSHOT SD3500iS	348	BP-2L5/2L12/2L14/2L18/2LH	204
OPTURA S1	279	POWERSHOT SD4500iS	398	BP-2L13/2L24H	204
PC1018	204	POWERSHOT SD980iS/1200iS	348	BP-10/10A	101C
POWERSHOT 520	194	POWERSHOT SX30 IS	356	BP-30/30A31/32	100C
POWERSHOT 4000iS	348	POWERSHOT SX40HS/50	420	BP-80/85	161
POWERSHOT A5/A5 ZOOM/A50	194	POWERSHOT SX50HS	420	BP-100	100C
POWERSHOT A80	233	POWERSHOT SX200iS/210iS	297	BP-110	429
POWERSHOT A2200/33000iS	378	POWERSHOT SX230HS	297	BP-208/214	279
POWERSHOT A2300/A2400iS	424	POWERSHOT SX260HS/280H	348	BP-308/308B/308S/310/315	280
POWERSHOT A2500/A2600	424	POWERSHOT SX170iS	348	BP-406/407/412/422	199
POWERSHOT A3000iS/31000iS	378	POWERSHOT SX500/510HS	348	BP-508/511/511A/512	193
POWERSHOT A3400iS/4000iS	424	POWERSHOT SX600HS	348	BP-514/522/535	193
POWERSHOT D10	348	POWERSHOT SX700HS	348	BP-608/617	169
POWERSHOT D350	194	POWERSHOT TX1	256	BP-709/718/727	432
POWERSHOT ELPH 100/300HS	256	PRO1, PRO90iS, PV130	193	BP-711/714/729/818	118
POWERSHOT ELPH 110HS	424	SD790	297	BP-807/808	376
POWERSHOT ELPH 115iS/130iS	424	SD 1000	256	BP-809/819/827	338
POWERSHOT ELPH 31/310HS	256	SD3500/4000iS	348	BP-819/820/827/828	448
POWERSHOT ELPH 320HS	424	UC-1/10/20/8000/8500/9500	118	BP-911/914/915/924/927/930	161
POWERSHOT ELPH 330HS	256	UC-S1/S2/S3/S5	118	BP-930G/941/945/950G/970G	161
POWERSHOT ELPH 500HS	348	UC-V20Hi/V200/V300/X2/X40H	161	BP-955/975	436
POWERSHOT ELPH 51/510HS	398	UC-X65Hi	118	BP-E22/E708	116
POWERSHOT ELPH 520HS	398	ULTURA	161	BP-E30A	101C
POWERSHOT ELPH 530HS	398	V40Hi/V50Hi/V60Hi/V65H	161	BP-E722/E77/E77K	118
POWERSHOT G1/G2/G3/G5/G6	193	V65Hi/V75Hi/V400/V420/V520	161	BP-E711/E714/E729	118
POWERSHOT G7/G9	204	VC-1	118	BP-E718	132
POWERSHOT G7X	460	VC-10/20/30/200	101C	ES-410	161
POWERSHOT G10/G11/G12	356	VCS-1/2/3/5	118	LP-E4	347
POWERSHOT G1X / G15	420	V CX-2	161	LP-E5	350
POWERSHOT G1X MARK II	459	VHS PORT	101C	LP-E6/LP-E6N	357
POWERSHOT N	398	VISTURA	161*	LP-E8	384
		VIXIA-HF10/11/20/21/100/200	338	LP-E10	415
		VIXIA-HG10/HG20/HG21	338	LP-E12	437
		VIXIA-HG10	376	NB-1L/1LH	198
		VIXIA HF G20	376	NB-2JH/2L/2LH	204
		VIXIA HG30	448	NB-3L	233
		VIXIA HF G10	448	NB-4L	256

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

CANON (CONT'D)		CASIO (CONT'D)		CURTIS MATHES (CONT'D)	
NB-5H	194	<b>Battery to Empire Battery #</b>		<b>Battery to Empire Battery #</b>	
NB-5L	297	NP-20/20DBA	216	14B655-001	101C
NB-6L/6LH	348	NP-30	203	VSBS001	112C
NB-6N	NYA	NP-40/40DBA/40DCA	251	VSBS0016	130C
NB-7L	356	NP-50	316	<b>DAEWOO</b>	
NB-8L	378	NP-60	337	<b>Model to Empire Battery #</b>	
NB-9L	398	NP-70	353	DVM-131X, DVM-210N	109
NB-10L	420	NP-82/92	272	DVM-239F	104
NB-11L	424	NP-80	365	<b>DURACELL</b>	
NP-2	369	NP-90	374	<b>Battery to Empire Battery #</b>	
NP-12L	459	NP-100	349	DR5	153-1.5C
NP-13L	460	NP-110	383	DR7	164
NP-E3	252	NP-120	397	DR8	143
		NP-130	414	DR9	158
				DR10, DR11	159
				DR12	118
<b>CASIO</b>		<b>CHINON</b>		<b>ELMO</b>	
<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>	
EX-85	337	C8, C8-1003, C8-C60	107	ECR-8	107
EX-F1	349	C8-SC70/SC80/SC90	107	ECR-600	112C
EX-FC100/FC150	251	C8-SC96/SC98	150	ER-10	100C
EX-FC200S	383	C8-SL70	110	PRO.ECR-8S	107
EX-FH100	374	CV-765/770/C70/C800	100C	<b>Battery to Empire Battery #</b>	
EX-FS10	337	CV-C600	110	BP-10	100C
EX-G1/EX-H5/EX-H50	365	CV-T7/T60/T60G/T63/T65	100C	EA-BP8	107
EX-H10/H15/H20G	374	CV-T70/T72/T73/T80/T124	100C	EA-BP60	112C
EX-H30	414	CV-T84	130C	PVBP80	100C
EX-JE10	365	<b>Battery to Empire Battery #</b>		<b>EMERSON</b>	
EX-M1/M2/M20/M20U	216	BP-80	100C	<b>Model to Empire Battery #</b>	
EX-N1/5/10/20/50	365	C8-B33	107	70-2026	101C
EX-P505/P600/P700	251	C8-B36-1/B36-2	150	V-CAM-14/18	110
EX-S1/S1PM/S2/S2BU/S2PW	216	CV-BP80/BP82	100C	VHS	100C
EX-S3/S20/S20U/S100	216	CV-BP89	130C	<b>Battery to Empire Battery #</b>	
EX-S5/S6/S7/S8	365	CVC-BP82	110	1411200001	110
EX-S10/S12	337	<b>CONCORD</b>		ERB-22/122	101
EX-S100WE/S500/S500EO	216	<b>Model to Empire Battery #</b>		ERB-150/151	110
EX-S200	397	DV2020	203	ERB-155	150
EX-S500GY/S500WE	216	<b>Battery to Empire Battery #</b>		<b>EPSON</b>	
EX-S600/S600BE/S600EO	216	LP37	203	<b>Model to Empire Battery #</b>	
EX-S600GD/S600SR/S770	216	<b>CONTAX</b>		L-500V	266
EX-S770BE/RD/SR/S880	216	<b>Model to Empire Battery #</b>		<b>Battery to Empire Battery #</b>	
EX-V8SR	316	i4R	264	B32B818242	266
EX-Z1/Z16/Z19/Z35/Z270	365	U4R, U4RB, U4RBK	276	B31B173003CU	266
EX-Z3	203	<b>Battery to Empire Battery #</b>		EPALB2	266
EX-Z4/Z4U/Z4V	216	BP760S	264	EU-94	266
EX-Z9/Z29/80/85/90	337	BP1100S	276	<b>FERGUSON</b>	
EX-Z33	272	<b>CONTOUR</b>		<b>Model to Empire Battery #</b>	
EX-Z30/Z40/Z50/Z55/Z57	251	<b>Model to Empire Battery #</b>		C303/08	110
EX-Z60/Z70/Z75 SERIES	216	CONTOUR GPS	433	3V01/ 3V41/ 3V50	110
EX-Z77BK/Z77RD	216	CONTOUR HD	433	FC15/FC23/FC27/FC28	110
EX-Z150/250	353	CONTOUR +	433	<b>Battery to Empire Battery #</b>	
EX-Z280	365	CONTOURROAM 2	433	VA282/283293/310	110
EX-Z100/200/300	251	<b>Battery to Empire Battery #</b>		VA314/315/337	110
EX-Z550/Z800	365	CT-3650	433	<b>FISHER</b>	
EX-Z450/500/600/700/750/850	251	<b>CURTIS MATHES</b>		<b>Model to Empire Battery #</b>	
EX-Z1000/1050/1080/1200	251	<b>Model to Empire Battery #</b>		DMX-C1	244
EX-Z2000/Z2300/Z3000	383	768, 770	100C	FVC-10/10A	109
EX-ZR10/20	383	AV800	100C	FVC-701/720/730/750/770/800	109
EX-ZR100/200/400/700/1000	414	AV850	110	FVC-801	103
EX-ZS5/150	365	BV880, CV800	100C	FVC-860/880/901/950/990	109
EX-ZS10/15/20/30	397	DV600	110	FVC-1000/2000/4000	109
EXILIM EX-S10/EX-Z80	337	DV700	130C	FVC-P701/730/750/770	109
EXILIM V7	316	DV800	100C	FVC-P880/P901/950/990	109
FINEPIX 402	251	FV600	150	FVC-S2	109
QV-3EX PLUS	216	FV500/700/800	130C	FVP-201/501/503/803	103
QV-R3/R4, RR-10	203	FV900	150	<b>Battery to Empire Battery #</b>	
QV-R300	365	GV700	130C	DB-L20, SL20	244
TRYX BLACK / TRYX WHITE	414	HV773	100C		
VF-3000	104	MV800	112C		
		PV800, QD00004	100C		

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

FLIP	FUJI (CONT'D)	GATEWAY
<b>Model to Empire Battery #</b>	FINEPIX Z10FD/20FD/30/31 331	<b>Model to Empire Battery #</b>
ULTRA/ULTRA HD 375	FINEPIX Z35/37/33WP/70/80/8 331	DC-T50 203
U1120B/U1120P 375	FINEPIX Z71/700EXR/707EXR 331	
U1120W/U1120Y 375	FINEPIX Z110/115 331	
<b>Battery to Empire Battery #</b>	FINEPIX Z100FD/200FD 331	<b>Battery to Empire Battery #</b>
ABT1W 375	FINEPIX Z800EXR/808EXR 331	024-91001-10 203
	FINEPIX Z909EXR 331	
<b>FUJI</b>	FINEPIX Z90/91/900EXR/950E: 331	
<b>Model to Empire Battery #</b>	FINEPIX Z1000EXR/1010EXR 331	<b>G.E.</b>
A-205/210/310 234	H-80/128SW 109	<b>Model to Empire Battery #</b>
F60FD 329	HS30EXR/33EXR 425	1CVD4020/4021 101
F-60Y/120SW/122SW 109	J-100/100W/120W/150W 331	1CVD5021/5021X/5023 100C
F-401/601 203	M-6AF 103	1CVD5025B/5025X 100C
F-402 222	M-600AF/680/690/830HR/890 109	1CVD5027/5028B/5040 100C
F-440/450 255	MX-500/600/600Z/700 174	1CVM6060E 112C
F-610/615/620/810 109	MX-1700/1700Z/2700/2900 183	1CVM8080 100C
FF-60/66, FH-80 109	MX-2900Z/4900/4900/6800/690 183	1CVP4020X/4022/4022X 101
FINEPIX 50i 203	P-90/100/300AF/600AF 103	1CVP4024/4024X 101
FINEPIX 210FD 222	P-40U/650/660/850 109	1CVP5021/5022B/5022X 100C
FINEPIX 480 329	S-6500fd 301	1CVP5024/5026X/5027 100C
FINEPIX 601 203	X10/XF1/X20 329	1CVP5028B/5030/6022 100C
FINEPIX 1700Z/2700/2900Z 183	X100S 299	1CVP6024/6026/6028/6030 100C
FINEPIX 4800/4900/6800/6900 183	X-E1 425	5036, 5200, 5424, 5426, 5428 100C
FINEPIX A205, A210, A310 234	X-PRO1 425	5430, 5440, 5442, 5740, 5747 100C
FINEPIX F20/40FD/45FD 301	X-S1 299	9-9605/9606 100C
FINEPIX F30, F31fd 299	Z-30/30WP/200FD 331	9-9607/9608/9609/9610 100C
FINEPIX F401Z/F410/F601/601Z 203	Z-600AF 103	9-9705/9709/9710/9711 110
FINEPIX F70EXR/F75EXR 329		9-9712/9715/9719 110
FINEPIX F80EXR/F85EXR 329	<b>Battery to Empire Battery #</b>	9-9805/9806/9807/9808 100C
FINEPIX F80EXR/F85EXR 329	NH-10 234	9-9810/9815 100C
FINEPIX F100FD/F200EXR 329	NH-20 249	CG-400 109
FINEPIX F300EXR/305EXR 329	NH-30 255	CG-501/504/505/506/515 150
FINEPIX F420 249	NP-30 222	CG-650/670/671/680/681 130C
FINEPIX F455/460/ 480 222	NP-40, NP-40N 222	CG-683/703 152
FINEPIX F500EXR/505EXR/550E 329	NP-45/45A/45B 331	CG-684/686 130C
FINEPIX F600EXR/F605EXR 329	NP-50/50A 329	CG-690/691/695/696/697/698 150
FINEPIX F650/700/710/811 222	NP-55 109	CG-700/701 100C
FINEPIX F660EXR/F665EXR 329	NP-60 203	CG-706/708/732/733/735 142S
FINEPIX F750EXR/F770EXR 329	NP-70 301	CG-800/805 150
FINEPIX F775EXR/F800EXR 329	NP-77H 109	CG-812/814/818 109
FINEPIX F850EXR/F900EXR 329	NP-80 183	CG-895 130C
FINEPIX HS30EXR/33EXR/50EX 425	NP-95 299	CG-911/9805/9806/9807 100C
FINEPIX HS35EXR 425	NP-100 174	CG-9808/9809/9810 100C
FINEPIX J10/15/20/26/27/30/35 331	NP-120 228	CG-9906/9907/9908/9910/9911 130C
FINEPIX J50 222	NP-140 342	CG-9915/9920 100C
FINEPIX J100/110W/120/150w 331	NP-150 317	E840 326
FINEPIX J250/550/580/590 331	NP-W126 425	E850, E1030, E1040, E1240 325
FINEPIX J700/710 331	VM-BPL30A 166	E1035/1050/1235/1250TW 325
FINEPIX JV100/105/150/200 331	VMBPL60A 166	E1055W/E1255W/E1276W 272
FINEPIX J205/250/255 331		E1410SW/E1450W 272
FINEPIX JX200/205/250/280/300 331		E1480W/E1486TW/E1680W 272
FINEPIX JX305/350/355/400/405 331		G1/G1SL/G2 326
FINEPIX JZ100/110/250/260 331	<b>GARMIN</b>	G3WP/G5WP 272
FINEPIX JZ300/305/500/505 331	<b>Battery to Empire Battery #</b>	G100 339
FINEPIX JX370/375/420/500/520 331	010-11599-00 452	H855/H1055 325
FINEPIX JX550/700/710/580/590 331	010-11654-03 452	J1050/J1250/J1455/J1456W 272
FINEPIX REAL 3D W1 299	P11P15-04-N02 452	J1455/J1456W 272
FINEPIX REAL 3D W3 329	VIRB/VIRB ELITE 452	J1470S 339
FINEPIX S5 317	ALPHA 452	PJ1 339
FINEPIX S100FS/200EXR/205EX 342	MONTEERRA 452	
FINEPIX T200/205/300/305/350 331	MONTANA 600/600T/650 452	
FINEPIX T360/400/500/510/550 331	MONTANA 650T/600 CAMO 452	
FINEPIX T560 331		<b>Battery to Empire Battery #</b>
FINEPIX V10 222		1CVA115 101C
FINEPIX X100 299		1CVA125 100C
FINEPIX XP10/11/20/22/30/50 331		1CVA135 112C
FINEPIX XP60 331		1CVA145 / 1CVA150 110
FINEPIX XP100/150/170/200 329		
FINEPIX Z1/2/3/5FD 222		

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

G.E. (CONT'D)		HEWLETT PACKARD		HITACHI (CONT'D)	
1CVA155	100C	<b>Model to Empire Battery #</b>		VMBP84	143
1CVA156	130C	BMW-F1	203	VMBP826	143*
1CVA157C/158C	150	C8872	208	VMC1A/1E/1R/1S	145
1CVA190	146	HP-R725/R727/R927	203	VMC2A	145
AV-608 / AV-8MM	109	L1812A	203	VMC11A/VMC30A	106
D016	272	PHOTO SMART C912	208	VMC34	NLA (02/10)
DS-5370	272	R607/707v/717/725/827/847	203	VMC40E	106
GB-10	272	R937/967	203	VMC50A/52/60	106
GB-20	326	R742	222	VM-D865/D865LA	166
GB-40	325	<b>Battery to Empire Battery #</b>		VM-D873LA/D875LA	166
GB-50	339	A920	208	VM-D965/D965LA/D975LA	166
GB-90	152	A1812A, L1812A	203	VME10A/10E	143
SV-LB5	152	LI-40	222	VME15A/15E	143
<b>GOLDSTAR</b>		R07, R607, R707V, R717	203	VME22A/22E/23A/23E	143
<b>Model to Empire Battery #</b>		<b>HITACHI</b>		VME25A/25E/44/52A/53A	143
GS-8AF	103	<b>Model to Empire Battery #</b>		VME54/54A/55A/56A/58A	143
GS-E2/GS-HE1	109	DZ-BD10HA/BD70A/HA	230	VME71A/81A/110A	143
GS-LT1	NLA (02/10)	DZ-BD7HA	230	VME110/130A	143*
GS-V1M	104	DZ-BX35A/GX20MA	230	VME220A/220A/230A	143*
GS-V21M	NLA (02/10)	DZ-GX3100A/3200A/3300A	230	VME310	143*
GVC-A425/C425/D425	NLA (02/10)	DZ-GX5020/GX5080A	230	VME310A	143
GVC-D475/E475/F475	NLA (02/10)	DZ-HS300A/HS500A	230	VME340A/340LA/350A	166
GVC-F477	NLA (02/10)	DZ-M580/M730/M780	230	VME368E/368LE	166
LC-E76M (REAR)	109	DZ-MV100A/MV200/MV200A	172	VME410	143*
VM-BP3M	NLA (02/10)	DZ-MV230/MV230A/MV270A	172	VME420	143
<b>Battery to Empire Battery #</b>		DZ-MV270A	172	VME455LA/465LA	166
243-696T	NLA (02/10)	DZ-MV350A/380A/550A/730A	230	VME510A	143
243-949A	NLA (02/10)	HDC-831E/831ER	315	VME510/520A/521A	143*
534-014EE	NLA (02/10)	THIN-MAN	145	VME530A/535LA	166
GS-E2	109	TWIST/SHOOT	145	VME540A/540LA/545LA	166
VM-BP2M	104	VLH-100L	166	VME555LA	166
VM-BP4M/6M	NLA (02/10)	VM-H945LA/955LA	166	VME565/565LA	166
<b>GO PRO</b>		VM30	106	VME620A/625LA	143
<b>Model to Empire Battery #</b>		VM100/200A/500E/600E	104	VME635A/635LA/645LA	166
HERO 4	456	VM825LA	143*	VME710A	143
HD HERO	385	VM-645LA/835LA/945LA	166	VME755LA	166
HD HERO2	385	VM1200/1280E	104	VME835LA/855LA	166
<b>Battery to Empire Battery #</b>		VM1300/1350/1350A/1400A	142S	VMH10/18A	143
AHDBT-001	385	VM1600A/1700A/1800A/1900A	142S	VMH35LA	166
AHDBT-002	385	VM2000A/2100A	104	VMH38A/39A	143*
AHDBT-401	456	VM2140	142S	VMH57A/59A	143
		VM2250A/2270A	NLA (02/10)	VMH71A/81A	143*
		VM2300/VM2300A/VM2300E	142S	VMH100LA	153
		VM2380	NLA (02/10)	VMH620A	143*
		VM2400A	142S	VMH625	143
		VM2400E	143	VMH635A/640A/645LA	166
		VM2410CL/2500A/2580A/2580E	142S	VMH650/650A/665LA/675LA	166
		VM2600A/2700A/2800A/2900A	142S	VMH710A/720A/725LA	143*
		VM3000A/3100A/3150/3150A	104	VMH725U	143
		VM3200E	110	VMH755LA/765LA	166
		VM3200/3250A/3260/3270A	NLA (02/10)	VMH825LA	143*
		VM3260A/3280E	110	VMH835LA/845LA/855LA	166
		VM3300A/3350/3350A	142S	VMH865LA/875LA	166
		VM3700/3700A/3800A	142S	VMH945LA/955LA/965LA/975LA	166
		VM4400A/4400E	142S	VMS7200A/7200E/7280E	NLA (02/10)
		VM5000A/5100A	104	VMS8100A	104
		VM5200	NLA (02/10)	VMS8200A	142S
		VM5300A/5350A	142S	VMSP1A	143
		VM5400A/5400C/5400U	142S	VTCL50EM	NLA (02/10)
		VM5720A	NLA (02/10)	<b>Battery to Empire Battery #</b>	
		VM6000A/6100A	104	DZ-BP7S/BP14S/BP21S	230
		VM6300A/6500A	142S	DZ-BP16/BP28	172
		VM7000A/7200A	104	VMBP6M	142S
		VM7300/7300A/7400A/7400LA	142S	VMBP21/22	104
		VM7500A/7500LA	142S	VMBP51/52	106
		VM8200A/8300A	142S	VMBP61A/63/63A	NLA (02/10)
		VM8400LA/8500LA	142S	VMBP64/64AS	142S
		VMBP82G	143		

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

HITACHI (CONT'D)		JC PENNEY (CONT'D)		JVC (CONT'D)	
VMBP65/66/67/67A	142S	932-2744	109	GR-AX710U/717UM/720/720U	150
VMBP71	NLA (02/10)	932-2819	118	GR-AX730U/750U/754U/760U	150
VMBP81	145	<b>Battery to Empire Battery #</b>		GR-AX761/761U/767U/777	150
VMBP82/82A/83/84/84A	143	686-6023	130C	GR-AX800U/808U/810/810U	150
VMBP502	166	686-6063	152	GR-AX820U/820US/830US	150
VM-BPL13/13A/13J	166	688-2922	100C	GR-AX840U/841U/844U/857U	150
VM-BPL27/27A/30/30A/60A	166	688-2925	101C	GR-AX880US/890U/890US	150
VME38A/39A/58A	143	688-2942	112C	GR-AX900U/910/910U/911U	150
VMNP720	153	688-2948/2949	110	GR-AX920/920U/930U	150
<b>IDX</b>		855-3026	130C	GR-AX940U/941U/957U	150
<b>Model to Empire Battery #</b>		855-8371	115	GR-AX970/970U/1010U	150
DXC-3A/3000/M22	114	855-8611	130C	GR-AXH1	150
KV-5300	114	890-2595	142S	GR-AXM1U/2/2U/4/4U/10U	150
SL-2000	114	934-0332	143	GR-AXM17U/17US/20/20U	150
ENDURA E-10/80/50	250	934-0340	118	GR-AXM25U/27U/30U/40/40U	150
ENDURA E10S/80S	250	934-0357	109	GR-AXM50U/70U/80U/100U	150
<b>Battery to Empire Battery #</b>		NB-E60A	109	GR-AXM151/151U/210U/205	150
NP-25N/L50/L50S	114	SV-LB5	152	GR-AXM217U/220U/225U/226	150
<b>IKEGAMI</b>		VMBP-61	NLA (02/10)	GR-AXM230U/231/237U/241	150
HC-400	250	<b>JVC</b>		GR-AXM241U/270/300U/310U	150
HL-45/57/59/59W	250	<b>Model to Empire Battery #</b>		GR-AXM317U/330U/341/341U	150
HTM-1003	292	ADIXXION GC-XA1	341	GR-AXM405/510/510U/511	150
MR20SR	292	CU-VH1US	192	GR-AXM511U/650/650U/670	150
TM10/TM20SR/TM9-1	292	DDNP-100	174	GR-AXM700/700U/710U	150
<b>INSIGNIA</b>		DR-X5	270	GR-AXM717U/750U/800	150
<b>Model to Empire Battery #</b>		DY-70U/90WU	292	GR-AXM840U/841U/900U	150
NS-DCC5HB09	203	EVERIO GZ-MG20US/21/27	270	GR-AXM910U/917U/920U	150
NS-DSC10SL	331	EVERIO GZ-MG30US/35US/37	270	GR-AXM970U/1000U	150
NS-DV720P/DV1080P	203	EVERIO GZ-MG40US/50US	270	GR-AXTEG	150
NS-DV111080F	228	EVERIO GZ-MG70US/77/500	270	GR-C1U/2U/77U/9/11/11S/25	110
<b>Battery to Empire Battery #</b>		GC-PX100	309	GR-C7S	150
<b>ITT</b>		GC-S5/S5E	174	GR-C25U/30/30U/35U/40/40U	110
<b>Model to Empire Battery #</b>		GF-450/500U/700U	110	GR-C55/55U/70U/75/250/707	110
VMC-3639A/3865	110	GF-S550U	110	GR-D22US/27/30/30US/31	192
VMC-3875/3877	110	GR-15U/25U/30U/35U/40/40U	110	GR-D31US/32US/33/33US	192
VMC-3875/3877	110	GR-60E	150	GR-D70/70US/71US/72/72US	192
VMC-3877AF/3888	110	GR-45/60U/65EG/65U/70U	110	GR-D73US/74US/90/90US/91	192
VMC-6000	110	GR-303/303EG/303U/305U/505	110	GR-D91US/93/93US/94US	192
<b>JC PENNEY</b>		GR-277U/323U	150	GR-D200/200US/230US	192
<b>Model to Empire Battery #</b>		GR-400/450/5550U/5505	110	GR-D240/250/250US/270	270
686-5019/5042	101C	GR-A1E/1U/30/30E/30S/30U	110	GR-D270US/271/271US/275	270
686-5110/5111/5115/5116	100C	GR-A60S/60U	110	GR-D275US/290/290US/295US	270
686-5330	112C	GR-AK5BKU/5GYU	150	GR-D295/350/370/395/396/650	270
686-5335/5350	100C	GR-AW1/1U/10	150	GR-D347U	202
686-5600	110	GR-AX2/2U/5/5EG/5U/7EG/7U	150	GR-D720/728/740/740AC/746	309
686-6009	104	GR-AX10/10EG/10U	150	GR-D750/750AC/760/770/771	309
686-6015/6062	130C	GR-AX17/17U/25U/26/26U	150	GR-DV775/790/796/850/870	309
686-6016	100C	GR-AX30/30U/33/33U	150	GR-D875/DA30US	309
686-6093	152	GR-AX34/34U/35/35U/37/37U	150	GR-DF420/430/430US/450	270
676-6204	109	GR-AX46/46U/47U/48U	150	GR-DF450US/470/470US/540	270
686-6228	NLA (02/10)	GR-AX50/50U/55/55U/65U	150	GR-DF550/550US/565/570	270
686-6232	130C	GR-AX70U/74/74U/75U	150	GR-DF570US	270
855-2879/855-8363	152	GR-AX76/77/77U	150	GR-DV1/1U/1W/2/2OE/14	160
855-8314/855-8421	115	GR-AX81U/84/84U/90U/91	150	GR-DV3/3U	170*
855-8520/8959	130C	GR-AX94/94U/96/96U/97/97U	150	GR-DV500/500US/800/800US	192
855-8967/855-9163	100C	GR-AX200U/201U/202/202U	150	GR-DV510U	150
855-8975	104	GR-AX210/210U/220/220U	150	GR-DV1800/2000/2000US	192
890-1886/1902/2454	130C	GR-AX230U/250	150	GR-DV3000U/4000/4000US	192
890-1894	150	GR-AX300U/301/310U/323U	150	GR-DVA1/1U	150
890-2447	NLA (02/10)	GR-AX350U	150*	GR-DVAXU	168
890-2561	142S	GR-AX400U/401/401U/404U	150	GR-DVF3A/10/10U/20/20U	150
890-2579	150	GR-AX410U/420U/430U	150	GR-DVF11/11U/21/21U	182
932-0300	109	GR-AX500U/501/510U	150	GR-DVF31/DVF31U	182
932-0318	118	GR-AX606U/610/610U	150	GR-DVJ70/70E	160
932-0334/932-8378	113	GR-AX640U/650/655/655U	150	GR-DVL20/25U/30/45U	182
932-1829	109	GR-AX657U/660U/700U/704U	150	GR-DVL100U/DVL105U	192
932-2017/2488	143			GR-DVL107U/DVL108U	192
				GR-DVL109U/120/150/150U	192

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JVC (CONT'D)		JVC (CONT'D)		JVC (CONT'D)	
GR-DVL157/200/210/210U	192	GR-SX867U/877/950U/960U	150	HRP-1U	110
GR-DVL200/220U/257/257U	192	GR-SXM25/26/27/37/37US	150	JY-HD10/HD10U/HD10US	192
GR-DVL300U/305/305U	192	GR-SXM46/47/50/55/57	150	LY34416-001B	265
GR-DVL307/307U/308/309U	192	GR-SXM61/62/71/72/75/76/77	150	SCF007U	110
GR-DVL310/310U/315/315U	192	GR-SXM81/82/86/91/92	150	TM-1000SU/5SOU/600PN/L4SO	292
GR-DVL317/317U/320/320U	192	GR-SXM230U/235/235U	150	TM550U	114
GR-DVL355/355U/357	192	GR-SXM240U/247/250/250U	150	VU-V615KITU	170
GR-DVL357U/400U/410/450	192	GR-SXM260/SXM260US	150	WEATHERCAM	150
GR-DVL500U/505U/507U/510	192	GR-SXM265/265U/307	150	<b>Battery to Empire Battery #</b>	
GR-DVL510U/515/517/517U	192	GR-SXM320U/321U/330U/335	150	BN-G1U	150
GR-DVL520522/522U	192	GR-SXM335/335U/337U	150	BN-V5GU/6U/6GU/7U/7GU	110
GR-DVL555/557/557U/600	192	GR-SXM340/340U/347/460	150	BN-V10U/11U/12U/14U/18U	150
GR-DVL715/720/725/725U	192	GR-SXM470/515U/520U/525U	150	BN-V20U/V22U/V25U	150
GR-DVL800U/805U/815/815U	192	GR-SXM527U/535/535U/536	150	BN-V50U/V60U/V66RU	150
GR-DVL817/820/820U	192	GR-SXM540U/607/720U/730U	150	BN-V74GU/V75U/V77RU	110
GR-DVL822/822U/910/915	192	GR-SXM735/735U/737U	150	BN-V101/V101E/V101U	174
GR-DVL915U/920/920U	192	GR-SXM740/470U/745/745U	150	BN-V107/V107U/114U	202
GR-DVL9000/9000U	162*	GR-SXM747/750/750U/755	150	BN-V111U/V112U/140U	150
GR-DVL9200U/9300/9300U/9500	170	GR-SXM755US/760/770/850U	150	BN-V114	202-1.5
GR-DVL9600/9600U/9700/9800U	170	GR-SXM851U/915U/920U	150	BN-V200U/V400U/400B	150
GR-DVM1	162	GR-SXM930U/937U/947/950U	150	BN-V207U/V214U	182
GR-DVM5/5U	170*	GR-SZ1/SZ7/SZ7U/SZ9/SZ9U	150	BN-V306U/V312U	220
GR-DVM50U/55U/70U/75U	175	GR-VBM1	162	BN-V408/V408U	192
GR-DVM76U/DVM96U	220	GR-X5	270	BN-V416U/V428U/438U	192
GR-DVM80U/90U	175	GR-XM720U	150	BN-V507U/V514U	175
GR-DVP1/3/3U/5/7U/9U/9US	202	GS-1000	100C	BN-V607UV/615UV/628U	170
GR-DVP7/DVP9	192	GS-TD1/TD1B	309	BN-V712/712U/V714/714U	160
GR-DVX	168	GV-HT1U	170	BN-V812U/V814U	162
GR-DVX4	175	GY-DV300/DV300U	192	BN-V907U	168
GR-DVX6K	200	GY-DV500U	114	BN-V970U	160
GR-DVX7/DVX8/DVX9/DVX10	175	GY-DV550/5000/5000E/5000U	292	BN-VF707/707U/714/714U	270
GR-DVX40/44/48/49	175	GY-HD100U	192	BN-VF733/733U	270
GR-DVX70/DVX77/DVX78	175	GY-HM100U	309	BN-VF808U/VF815U/VF823U	309
GR-DVX80/DVX88/DVX90	175	GZ-AXM18	150	BN-VF915U/VF923U	309
GR-DVX307U	202	GZE10/100/200/205/220/300	392	BN-VF808/815/823/915/923	309
GR-DVX400/DVX407/DVX408	220	GZE306/505	392	BN-VF908/VF908U/VF908US	394
GR-DVX507/507/707/709	220	GZEX210/215/250/310/355	392	BN-VG107/108/114/121/138	392
GR-DVXPROU/DVXU	168	GZEX515/555	392	BN-VG212/212U	430
GR-DX75/77/95/97/300	202	GZGX1	392	BN-VH105	341
GR-DX307U	192	GZ-HD3/5/6/7/10/30/40	309	BN-VM200/200U/200US	265
GR-DZ7/DZ7U/7US	192	GZ-HD7US/HD300/320	309	NB-P5U/P6U/7/P7U	110
GR-EX1/EZ1/HF805/LT7	150	GZHD500/510/520/550/620	392	NBP-8/9	110
GR-FX10/11/12/16/23/30/33	150	GZHD750/760	392		
GR-FX36/40/43/50/53/60	150	GZHM30/35/40/50/65/300	392		
GR-FX101/102/120/220/305	150	GZHM310/320/330/334/335	392		
GR-FX401/405/505/601	150	GZHM340/350/430/435/440	392		
GR-FXM15/16/17/25/35/37	150	GZHM445/446/450/550/570	392		
GR-FXM40/45/55/65/66/75	150	GZHM650/655/670/690/845	392		
GR-FXM105/FXM106	150	GZHM860/870/880/890/960	392		
GR-FXM161/170/270/333/373	150	GZHM980/990	392		
GR-FXM404/405/555/605	150	GZ-HM1SUS/HM200/HM400	309		
GR-HD1/HD1US	192	GZ-MC100/100E/100EK/100US	265		
GR-HD3/5/6/10/40/300/320	309	GZ-MC200/200E/200US	265		
GR-HF705U/805U	150	GZ-MC500/500US	265		
GR-HM1SUS/HM200/HM400	309	GZ-MG20/21/27/37/57/77/505	270		
GR-M3/M3U/M5/M5U	150	GZ-MG130/131/132/133/134/13	309		
GR-M7/7PRO/7U/M44	150	GZ-MG148/150/155/157/175/17	309		
GR-S3V/S7/S7U/S27/29	150	GZ-MG230/255/275/330/335/34	309		
GR-S35/55/55U/70EG/70U	110	GZ-MG360/365/430/435/465	309		
GR-S75/75U/77E/77	110	GZ-MG530/555/575/630/645	309		
GR-S99/99EG/99EU	110	GZ-MG650/670/680/730/740	309		
GR-S500U/505EG/505U/550U	110	GZMG750/760	392		
GR-S707/E/EG/EU/U	110	GZ-MS90/100/120/130	309		
GR-SK20/SV3/SV7U	150	GZMS110/118/150/210/215	392		
GR-SX9U/SX90/20/21/22	150	GZMS216/230/240/250	392		
GR-SX26/41/51/52/56	150	GZ-V500/505/515/570/590	430		
GR-SX202/210/750U/760U	150	GZ-VX700/705/715/755/815	430		
GR-SX850U/851U/860/860U	150	GZ-X900/X900EX/X900US	394		
				<b>KODAK</b>	
				<b>Model to Empire Battery #</b>	
				4800	183
				C300/310/315/330/340/360	213
				C433/503/513/530/533/603/613	213
				C643/653/663/703/743	213
				C763	321
				C633/713/813/875/913/1013	213
				CD33/40/43/93/913/CW3300	213
				CD-CW330	213
				CX4200/4210/4230/4300	213
				CX4310/6200/6230/6330/6445	213
				CX7220/7300/7310/7330	213
				CX7430/7525/7530	213
				DCS-PRO SLR/C	359
				DCS-PRO SLR/N /-14N	359
				DSC-520/560/620/620X/660	358
				DSC-660X/720/720X/760/760M	358
				DSC PRO	258
				DX3215/3500/3600/3700/3900	213
				DX4330/4530/4900/6340/6440	213

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**



KODAK (CONT'D)		KONICA (CONT'D)		LEICA	
DX6490/7440/7590/7630	236	DIMAGE X1	281	V-LUX3	404
EASYSHARE MINI/TOUCH	327	DIMAGE X50/X60	259	V-LUX20/VLUX30/VLUX40	368
EASYSHARE-ONE	203	KD-300Z	207	X1	399
LS-420/443/633/743/753	203	KD-310/310Z/400Z/410Z	223	<b>Battery to Empire Battery #</b>	
LS755	261	KD-500Z/510Z	223	14464	312
M23/M215/M583	327	REVIO	243	BP-DC1	218
M320/340/341/380/753/763	286	<b>Battery to Empire Battery #</b>		BP-DC2	226
M380/381/420	310	BR-LB1, DLKS-3	207	BP-DC4	301
M530/550/575/580/873/883	327	DR-LB1	207	BP-DC5	283
M522/532/552/565/577/583	327	DR-LB4	223	BP-DC6U	319
M750	327	NP-1	281	BP-DC7-E	368
M590	261	NP-400	238	BP-DC7-U	368
M853/863/1063/1073IS/893IS	286	NP-500/600	243	BP-DC8	399
M1033/1093IS	330	NP-700	259	BP-DC9	404
M5350/5370	327	NP-800	201	BP-DC10	403
P712/850/880	236	NP-900	269	BP-DP20	312
PIXPRO S1	458	02491-0015-00	269	NP80	183
PIXPRO SP1	390	<b>KYOCERA</b>		NP-100	174
PIXPRO SP360	390	<b>Model to Empire Battery #</b>		<b>LIQUID IMAGE</b>	
PLAYFULL	330	DSC-F707	180	<b>Model to Empire Battery #</b>	
PLAYSPORT / PLAYTOUCH	330	DSC-P1	173C*	335/337/365/367	433
PRO 14,14N, SLRc, SLRn	258	DSC-S75/S85	180	338BLK/338W/339BLK/339W	433
SLICE	261	FINECAM 3L, S3, S3L, S3R	207	368BLK/368R/369BLK/369W	433
V530, V603	285	FINECAM S3X, S4, S5, S5R	207	384BLK/384W	433
V550, V570, V610, V705	286	i4R, i4R-BK, i4R	264	<b>Battery to Empire Battery #</b>	
V803, V1003	310	KD-200K/1000/1100U	103	MODEL 55	433
V1073, V1233, V1253, V1273	330	KD-530/1700/5010/5050/5820	109	<b>LOEW OPTA</b>	
Z650/700/710/740/885	213	KD700/2010U/3010U/3030U	113	<b>Model to Empire Battery #</b>	
Z1275/1285	213	KD-H130/H150/H170	109	CC90	104
Z612/712IS/812/1012IS	300	KD-M710/M730/M770/S530	109	PROF1800/1810/1820	113
Z730/760/7590	236	KD-S820	113	<b>MAGNAVOX</b>	
Z1015IS/1085IS/1485IS/8612IS	300	KD-S5530/S5550	109	<b>Model to Empire Battery #</b>	
Z950	310	KX-1/70/70E/77/77CV/77U	109	8290	112C
Z8612IS	300	KX-90/90E/H1/H1U	109	8292, 8293, 8380	100C
ZD710	213	KX-V10	153C	8400, 8450, 8451, 8474, 8900	101C
Zi8	330	MD-MS200	191	CK300	101C
ZX1	300	SAMURAI 2100DG	191	CV5320AV	100C
<b>Battery to Empire Battery #</b>		SL-300R/300RT/400R	245	CVJ310/312/320/322/340/350	100C
4E01111	358	U4R, U4RB, U4RBK	276	CBK300/K310/K315/K320	130C
4E2843, 4E6420, 1236199	258	<b>Battery to Empire Battery #</b>		CVJ360	130C
1064062	236	BAP-100	103	CVK321/332/342/352	100C
1148683	213	BP-150/170	109	CVK300/610	130C
8499741	203	BP-760S	264	CVL300/301/310/318/319/320	130C
KAA2HR	213	BP-780S	245	CVL325	130C
KLIC-3000	183	BP-800S/880S/900S/1000S	207	CVL335/345/610/611/612/620	150
KLIC-5000	203	BP-1100R	183	CVL810, CVM310/315	130C
KLIC-5001	236	BP-1100S	276	CVM320/325/610/620/630	150
KLIC-7000	261	BP-1501/1502/1550	109	CVM710/720, CVN310AV	130C
KLIC-7001	286	BP-1600R	191	CVN610/620/630/630AV	150
KLIC-7002	285	BP-F550	153-1.5	CVN715	151
KLIC-7003	310	BP-F750	153-3	CVR315AV	NLA (02/10)
KLIC-7004	330	<b>LEICA</b>		CVR325AV/330AV/335AV	130C
KLIC-7005	321	<b>Model to Empire Battery #</b>		CVR630	150
KLIC-7006	327	ATX900/1230	211	CVS315AV/325AV	NLA (02/10)
KLIC-8000	300	C-LUX2/LUX3	319	CVS620	150
LB-070	458	D-LUX	226	CVT325/330/340AV	NLA (02/10)
LB-080	390	D-LUX2	404	CVT620/630/640	150
PRO-14N	359	D-LUX3/LUX4	301	VR8207GY01	112C
<b>KONICA</b>		D-LUX5/LUX6	403	VR8208AV01/8245BK01	100C
<b>Model to Empire Battery #</b>		DIGILUX 1, 2	218	VR8285, VR8285AV01	110
DG-5W	201	DIGILUX ZOOM	183	VR8290GY01	112C
DG-X50K/X50R/X50S	259	M7/8/8.2/9/9-P/MP	312	VR8292/8293/8294/8294AF	100C
DIMAGE A1, A2	238	M-E	312	VR8295/8357/9297	110
DIMAGE A200	201	RX900/1200	211	VR8380/8382/8400/8450/8451	100C
DIMAGE E40, E50	269	V-LUX1	283	VR8453/8454/8455/8456/8457	100C
DIMAGE G400/500/530/600	243			VR8356/8462/8470/8481	101C
DIMAGE Xt	217			VR8471/8472/8474/8475/8480	100C
				VR8484/8485/8486/8570/8572	100C

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

MAGNAVOX (CONT'D)		MINOLTA (CONT'D)		MITSUBISHI (CONT'D)	
VR8585/8590/8592/9143	100C	C-50/51	110	HS-VX4E	150
VR9240AV/9244/9246	100C	C-503/512/513/516/518/522	150	HS-F10UR	104
VR9254/9256AV/9260	110	C-532/538/542/550/552/560	150	<b>Battery to Empire Battery #</b>	
VR9297/9656	110	C-560C/561/562CL/563CLS	150	BY-B99/C101/C102	110
<b>Battery to Empire Battery #</b>		C-570/606/606E/618	150	BY-F101/F102	104
AR8378BK01	100C	CR-80AF/81AF	NLA (02/10)	BY-U1/U2	150
AR8395BK01	101C	CR-800S/880	113	<b>MUSTEK</b>	
V80039BK01/V80086BK01	100C	CR-1000A	110	<b>Model to Empire Battery #</b>	
V80063BK01	112C	CR-1000S/1100S/1200S	104	DV-2032/3032/3500	NMH-2/AA
V80076BK01/80085BK01	110	CR-8000AF/8000S	113	DV-4000	248
V80096BK01	130C	CR-8100/8100AF/8200	113	DV-5000	NMH-2/AA
V80115BK01/80116BK01	150	DG-5W	201	<b>Battery to Empire Battery #</b>	
V80139BK01	151	DG-X50K/X50R/X50S	259	DV3M	248
V80146BK01/80149BK01	NLA (02/10)	DIMAGE A1, A2	238	<b>NEC</b>	
VE550UE	101C	DIMAGE A200	201	<b>Model to Empire Battery #</b>	
VSBS0011	100C	DIMAGE E40, E50	269	CV-10U	112C
VSBS0016	130C	DIMAGE G400/500/530/600	243	CV-30U/40U	100C
<b>MARANTZ</b>		DIMAGE X, Xg, Xi, Xt, Xt BIZ	217	CVB-70U	110
<b>Model to Empire Battery #</b>		DIMAGE X1	281	EM-ABU	103
CV-B800	100C	DIMAGE X50	259	NCVK400	110
<b>MEMOREX</b>		DYNAX 5D/7D	238	V-20U/40U	100C
<b>Model to Empire Battery #</b>		KR-1000	104	V-50U (REAR)	112C
16-827/828	146	Maxxum 5D/7D	238	V-300/400	100C
16-858/859	109	MS-2100	104	VM10U	112C
CRD-0050	150	REVIO	243	VM40U	100C
MODEL 103	142S	V-10/10R/11/11R	NLA (02/10)	VMA80	103
MODEL 127, 128	146	V-16/16R/18/18R/20/20R	142S	<b>Battery to Empire Battery #</b>	
MODEL 153, 154, 158	109	V-118/218/228	142S	BC-10	112C
MODEL 155	150	V-700	101C	VB-10U	112C
MODEL 157	143	V-1400/2000/2100	104	VB-30U/50U	100C
MODEL 16837	130C	<b>Battery to Empire Battery #</b>		<b>NIKON</b>	
SM1000	104	B-8002	113	<b>Model to Empire Battery #</b>	
SM2000	106	BP-800	113	1 J1/J2	422
SM4200/4300/4400	130C	BP-1001/1002	104	1 V2	441
SM8400	150	BP-3001	110	ACTION PRO	107
<b>Battery to Empire Battery #</b>		BP-3301	128	COOLPIX A	422
BP-30RS	130C	BP-8001/8002	113	COOLPIX AW100/100S/110	354
BT-30RS	146	BP-M3001	110	COOLPIX 775/880/885/995	201
BT-70	109	NP-1	281	COOLPIX 2500/3500	210
CS6012	109	NP-200	217	COOLPIX 3700/4200	239
OB-15	150	NP-400	238	COOLPIX 4300/4500/4800/5000	201
T16-BP64	142S	NP-500/600	243	COOLPIX 5200/5900/7900	239
VM-BP21M	104	NP-700	259	COOLPIX 5400/5700/8700	201
VSBW0003	150	NP-800	201	COOLPIX 8400	NYA
<b>METZ</b>		NP-900	269	COOLPIX 8800	NYA
<b>Model to Empire Battery #</b>		VBC-166	142S	COOLPIX P1/P2	275
9622, 9624, 9625	110	VBP-100/101	NLA (02/10)	COOLPIX P3/4/50/80/90/100	239
9628, 9629	107	VBP-160/161/165/166	142S	COOLPIX P500/510/520	239
9637, 9702	150	VBP-400/401/410/912	143	COOLPIX P300/310/P330	354
<b>MGA</b>		VBP-500/501	110	COOLPIX P5100/6000	239
<b>Model to Empire Battery #</b>		VBP-600/601/630	150	COOLPIX P7000/7100/7700	401
HSC20	110	02491-0015-00	269	COOLPIX S1/2/3/5/6/7C/9	275
<b>MINOLTA</b>		<b>MINOX</b>		COOLPIX S10	239
<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>		COOLPIX S31	354
8-80/81	113	DC1022 / DC8111	315	COOLPIX S50/50C/51/51C/52	275
8-308/308E/378/406/406E	143	DC52222	269	COOLPIX S60/S70/S80/S200	320
8-418/428/438/761/761C	143	DMP3 / DMP 4	269	COOLPIX S100	413
8-762CS/778/838/842/848	143	<b>MITSUBISHI</b>		COOLPIX S202/210/220/230	320
8-808/808E/812/832	113	<b>Model to Empire Battery #</b>		COOLPIX S500/510/520/570	320
8-852/862/863S/864S	143*	CVK-G99	110	COOLPIX S550/560/710	345
8-878/912/918	143	HS-C1XE	150	COOLPIX S600/700/3000/4000	320
8-8000/8100/8200	143	HS-C4U/C7U/CX1/CX4	150	COOLPIX S70/610/620/630/640	354
a Sweet Digital/ a-7 Digital	238	HS-C20U, HS-C30U	110	COOLPIX S800C	354
C-1E	128	HS-C45/50	110	COOLPIX S1000PJ/1100PJ	354

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

NIKON (CONT'D)		NORCENT		OLYMPUS (CONT'D)	
COOLPIX S5200/6400/6500	413	<b>Model to Empire Battery #</b>		TG-310/320	272
COOLPIX S1200/4150	354	DC420/S760/S860/S1050	269	TG-610/620iHS/810/820/830iHS	339
COOLPIX S6000/6100/6150	354	<b>NORMANDE</b>		TG-630iHS	339
COOLPIX S6300/6200	354	<b>Model to Empire Battery #</b>		U-10D/15D/20D/25D/30D/40D	224
COOLPIX S1200PJ/8000/8100	354	CV100/155/301/1100	110	UD-400/410/500/600/800	224
COOLPIX S8200/9100/9050	354	CV2001/2101/2201	110	VC-103/106A	101C
COOLPIX S9200	354	RP300, SV500	110	VC-104/105/106	100C
COOLPIX S9300/9400/9500	354	<b>Battery to Empire Battery #</b>		VG-110/120/140/160	389
COOLPIX SO1	345	AC-155/2005	110	VR-310/320/330	272
COOLPIX SQ	210	<b>OLYMPUS</b>		VR-340/350/370	339
COOLPIX SX610, SX610C, S710	354	<b>Model to Empire Battery #</b>		VX-43/54/81/82/82E	109
D1, D1H, D1X	212	AZ-1, AZ-2	203	VX-401/402 (REAR)	112C
D2H, D2HS, D2X, D2Z	242	C-50/50Z/60Z/70Z/470/507/590	224	VX-403	110
D3/3X/3S	242	C-630	272	VX-402/404/405/S405/406	100C
D4	435	C-760UZ/765UZ/770M/770UZ	224	VX-407	130C
D40/D40X/D60/D3000/D5000	304	C-5000/5000Z/5050	224	VX-801/802/802E/803/804	107
D50/70/70S/100/100SL	211	C-5060/5060Z/5060WZ	240	VX-806	109
D80/90/200/300/300S/700	293	C-7000/7000Z	224	VX-H804	107
D5100/D5200/D5300	401	C-7070/7070WZ/8080/8080WZ	240	WPP-1000/1500/5000	107
D600/800/7000/7100	406	D-630	272	X-1/2/3/450/500	224
D2100/2200/3100/3200/3300	401	DS-2300/3300 voice recorders	381	X-560WP/600/825/960	272
DF	401	DS-4000/5000ID voice recorder	381	X-940	389
F6	242	DS-5000 voice recorders	381	XZ-1/XZ10	339
NIKON 1 J1 / NIKON 1 J2	422	E3/5/30	407	XZ-2	427
NIKON 1 S1 / NIKON 1 J3	422	E-1/3/30/300/330/500/510/520	240	<b>Battery to Empire Battery #</b>	
NIKON 1 J4 / NIKON 1 S2	454	E400/410/420/450/600/620	306	BLM-5	407
NIKON 1 V1	406	E-M5	438	BLN-1	438
P5000/6000	239	E-P5	438	BLS-5	409
S60/5100	320	E-P1/P2/PL1/PL2/P3/PL3/PM1	306	BR403	381
S560	345	E-PL5/PM2	409	D-LI92B	427
S1100PJ/S1200PJ	354	FE-20/190/230/240/250/280	272	Li10B, Li12B	224
S6150/6200/8200	354	FE-200	224	Li20B	203
VHS SPORT	101C	FE-290/300/320/340/350	272	Li30B	257
VN-300/310/330/340/360	109	FE-360/370	355	Li40B/Li42B	272
VN-400/500/550/700/750	109	FE-3000/3010/4000/4010/4030	272	Li50B	339
VN-720/730	153-1.5C	FE-4020/4040	389	Li60B	355
VN-800/801/810	107	FE-5000/5010/5020/5500	272	Li70B	389
VN-820/830/840/850/860/870	109	IR-300	272	Li80B	269
VN-900/910/960	109	IR-500	224	Li90B	427
VN-3000	101C	MJU-700	272	NP-55/77H	109
VN-7000/8200/9000/9100/9500	109	MJU-MINI DIGITAL/DIGITAL S	257	PS-BLM1	240
VS-BL71	156	OM-DE-M5	438	PS-BLS1	306
<b>Battery to Empire Battery #</b>		SP-500UZ	224	VFBA5U	112C
BP-80	107	SP-700	272	VFBP1	101C
BP-300	101C	SP-720UZ/800UZ/810UZ	339	VFBP3, VFBP3U	100C
EN-EL1	201	STYLUS 300/400/410/500/600	224	VFBP6, VFBP6U	112C
EN-EL2 / BP-NKL2 / 9904	210	STYLUS 550WP/7000/7010	272	VFBP7, VFBP7U	100C
EN-EL3/EL3a	211	STYLUS 700/710/720/730/740	272	VFBP8U	130C
EN-EL3E	293	STYLUS 750/760/770SW/780	272	VFBP81	107
EN-EL4/EN-EL4A	242	STYLUS 790SW/820/830	272		
EN-EL5	239	STYLUS 800/810/1000	224		
EN-EL7	NYA	STYLUS 1010/1020/1030	339		
EN-EL8	275	STYLUS 840/850/1040/1200	272		
EN-EL9/EN-EL9A	304	STYLUS 1050SW/7000/7010	272		
EN-EL10	320	STYLUS 5010/7030/7040	272		
EN-EL11	345	STYLUS 9000	339		
EN-EL12	354	STYLUS TOUGH 3000	272		
EN-EL14/EN-EL14A	401	STYLUS TOUGH 6000/6020	339		
EN-EL15	406	STYLUS TOUGH 8000/8010	339		
EN-EL18	435	STYLUS VERVE/S	257		
EN-EL19	413	STYLUS XZ-2	427		
EN-EL20	422	SH-50iHS	427		
EN-EL21	441	SZ-10/SZ15/SZ11/SZ12/SZ20	339		
EN-EL22	454	SZ-16iHS	339		
EN-4	212	SZ30MR/31MR	339		
LRHM3WM	201	T-100	269		
NP-55/66H/77/77H	109	TG-1/TG1iHS/TG2iHS	427		
NP-500	153-1.5C				
				<b>ORION</b>	
				<b>Model to Empire Battery #</b>	
				C-MV1/MV11/MV103/MV203	110
				VC-M0300	150
				<b>Battery to Empire Battery #</b>	
				OD-18	150
				<b>PANASONIC</b>	
				<b>Model to Empire Battery #</b>	
				AFX3	100C
				AFX8, AFX12	130C
				AG-40U	110
				AG-160/170/180/190	100C
				AG-185U/187/188/195/196U	130C

\*Indicates Internal Fit

NLA: No Longer Available

NYA: Not Yet Available

NR: No Replacement

### EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

PANASONIC (CONT'D)		PANASONIC (CONT'D)		PANASONIC (CONT'D)	
AG-400P/450/460	100C	DMC-S1/S2/S3	418	NV-G1/G1E/G2/G2E/G3/G3E	150
AG-455/456/459/461	130C	DMC-S6	419	NV-G100/200/202/300/303	150
AG-2400/6400/7400	100C	DMC-SZ1/SZ5/SZ7	418	NV-GS11/15	396
AG-B20P/BP188U	130C	DMC-SZ3	444	NV-GS50/GS70	230
AG-BP202/212DX	100C	DMC-T55	445	NV-GS90/GS98/GS328	307
AG-DCV 7/DVC15	172	DMC-TS1/TS2/TS3/TS4/A1008	367	NV-M5/M7/M7EO/M7EW	100C
AG-DVC30/DVC80	262	DMC-TS5/TS7	368	NV-M7EG	110
AG-DVC200/DVX100	172	DMC-TS10	391	NV-M8PX/M9/M10	100C
AG-DVX100A/AE/AP/B	262	DMC-TS20	418	NV-M10K/M30/M33K/M33PX	110
AG-EZ1/EZ20/EZ30	162*	DMC-TS25	417	NV-M20EG	150
AG-HMC40/50/70	393	DMC-TZ1/TZ3/TZ4/TZ5/TZ50	298	NV-M50/55/70/90/350/550	110
AG-HSC1	307	DMC-TZ6/TZ7/TX8/TZ10/TZ65	368	NV-M400	130C
AG-V50	100C	DMC-XS1	444	NV-M810EN	150
AJ-D400/D410A/D700	250	DMC-Z530	445	NV-M1000/M8000	100C
AJ-SDC615/905	292	DMC-ZR1/ZR3/ZS1/ZS3/ZX3	368	NV-MC5/MC5EG/MC6/MC6EG	110
AJ-SDX900/800/SPC700	292	DMC-ZS5/ZS7/ZS8/ZS10	368	NV-MC10EG/MC10EGF/MC20	110
BTS-1000N/100Y/1050/950	292	DMC-ZS15/ZS25	368	NV-MC30/MC30EG/MC70	110
DMC-3D/3D1	368	DMC-ZS19/ZS20/Z25	368	NV-MS1/MS2	100C
DMC-6F6	446	DMW-BNC 10	447	NV-MS50/MS50EG/MS60/MS90	110
DMC-6H3	440	DMX-FX580	367	NV-MS70/MS70E/MS95/MS95B	150
DMC-F1/F1S	226	EB362	100C	NV-MS95E/MS95EG	150
DMC-F5	444	HC-700	400	NV-MS950/MS950EN	150
DMC-F7	219	HC-V10/100/100M/500/500M	400	NV-MV1	110
DMC-F3/FH1/FH3/FH20/FH22	367	HC-V110/201	449	NV-MV5	150
DMC-FH2/FH5/FH24/FH25/FH27	418	HC-V110GK/V110K/V110P	449	NV-MX350/500	396
DMC-FH6/FH8	418	HC-V700M	400	NV-R50E/R60E/R200/R200PN	155
DMC-FH10	444	HC-X920	423	NV-R500EN/R550EN	155
DMC-FH20/FH22/FH30/FH33	367	HDC-DX1/DX3	307	NV-RS7	181
DMC-FP1/FP2/FP8	367	HDC-HS9/HS20/HS100/HS200	307	NV-RX1/RX2/RX5/RX7EN	155
DMC-FP5/FP7	418	HDC-HS40/60/80	400	NV-RX9/RX11B	150
DMC-FP3	391	HDC-HS250/HS300/HS700	307	NV-RX14B/RX64	181
DMC-FS2/FS4/FS6/FS7/FS8	367	HDC-HS900	423-1.3	NV-RX15B/RX18B/RX19	150
DMC-FS3/FS5/FS20	319	HDC-SD1/SD3/SD5/SD7/SD9	307	NV-RX21B/RX31B/RX49/RX61B	150
DMC-FS10/12/15/25/42/62	367	HDC-SD10/SD20/SD100/SD200	307	NV-RX70B	150
DMC-FS16/18/35/37	418	HDC-SD40/60/80/90	400	NV-RZ1/RZ2	181
DMC-FT1/FT2	367	HDC-SD700/SX5	307	NV-S1/S1B/S1E/S1K/S1S/S2	150
DMC-FT10	391	HDC-SD800/900	423-1.3	NV-S5/S5B/S5E/S6/S6B/S6E	150
DMC-FX01/07/3/8/9/12	284	HDC-SDT750	331	NV-S7/S7B/S7E/S7EG/S8/S9	150
DMC-FX2/FX7	260	HDC-SDX1	400	NV-S20/S20B/S20EG/S30	150
DMC-FX30/33/35/37K	319	HDC-TM1/40/41	400	NV-S78E/S100/S100EN	150
DMC-FX40/48/66/75/700	367	HDC-TM10/TM20/TM30/TM200	307	NV-S200/S500/S500EN	150
DMC-FX77/78/90	418	HDC-TM55/80/90	400	NV-S600/S700/S700EN/S800	150
DMC-FX50/55/100/150/500	319	HDC-TM60	400-1.8	NV-S850EN/S950EN	155
DMC-FX500/550/580/FZ35	367	HDC-TM300/TM350/TM700	307	NV-VX17EN/VX27EN/VX57EN	181
DMC-FZ1/FZ7	225	HDC-TM900	423-1.3	PB-10B	150
DMC-FZ8/10/FZ18/FX20/FZ28	283	HDC-TMX1	400	PK-410/412/450/452	100C
DMC-FZ30/FZ35/FZ38/FZ50	283	HM-TA1H/TA1R/TA1V	319	PK-500/503/530/557/558	100C
DMC-FZ40/45/47/48/100/Z00	404	HX-DC1/DC10	363	PK-597/972	101C
DMC-FZ60/FZ150	404	HX-WA2	339	PK-700	130C
DMC-G1/G2/G1K/GF1/GH1/G10	361	HX-WA10	363	PK-802/805/903/956/957/958	100C
DMC-G3EG-K	416	IQ-PBA306	150	PK-959/973/975/976/980	100C
DMC-G3/G3K	416	M-810	150	PRO-846	150*
DMC-G3R/G3T/G3W	416	M-3000	130C	PSC15C	150
DMC-G5/G6	417	MC-50	110	PV-2A216	150
DMC-GF2CK/GF2CR/GF2CS	416	NV61/61E/62/62E/63	150	PV-10/10B/10PX/11DK	150
DMC-GF2/GF2CW	416	NV-100	101C	PV-14/14D/14K/15K/17/18	150
DMC-GF2KK/GF2KR/GF2KS	416	NV-180	100C	PV-19/19D/20/21/21D/22/22D	150
DMC-GF2KW	416	NV-500/595	150	PV-31/32/32D/40/40D/40DK	150
DMC-GF3/GF5	419	NV-6500/6600/8420	101C	PV-41/42/42DK/42K	150
DMC-GH1K/GH1WW	361	NV-A1EN	155	PV-43/43D/43DK	150
DMC-GH2/GH2K/GH2S	417	NV-C1	172	PV-50/53	110
DMC-GM1	451	NV-CS1EN	155	PV-52/54/54D/62/64	150
DMC-GX1	416	NV-DA1/DA1EN	172	PV-100/110/120/122/140	110
DMC-L1/LC5/LC40	218	NV-DE3	162	PV-200	100C
DMC-L10	307	NV-DJ1/DJ100/DS1/DS5	162	PV-200D	112C
DMC-LF1	447	NV-DS77/DS77EN	172	PV-210/220	100C
DMC-LX1/LX2/LX3	284	NV-DX1/DX100	162	PV-213A/214A/215A	150
DMC-LX5/LX7	403	NV-EX1/EX1EN	172		

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

PANASONIC (CONT'D)		PANASONIC (CONT'D)		PANASONIC (CONT'D)	
PV-300/320/330	100C	PV-DV601/DV602	172	SDR-HS60/80	400
PV-308/332/332D/332DK/333	150	PV-DV700	162*	SDR-S7/S10/S15/S26	319
PV-350	100C	PV-DV701/DV702/DV710	172	SDR-S100/S150/S300	290
PV-362/362D/372D/372DK	150	PV-DV800/DV800K/DV852	172	SDR-SW20/SW21	319
PV-400/420/425/430/460	100C	PV-DV900/DV900K/DV900/910	172	SDR-S45/50/70/71	400
PV-500/501/502/510	130C	PV-DV950/1000	162	SDR-T50/55/70/71/76	400
PV-506/507	150	PV-DV952/DV953	172	SV-AV10/20U/30/35	203
PV-515/520/530/535	100C	PV-GS9/12/14/15	172	SV-AV50/A510	237
PV-558/563	150	PV-GS19/29/31/35/39/50S/59/7	230	SV-AS10	172
PV-602/604	130C	PV-GS55/65	230	TC-7-WMSI	292
PV-606	150	PV-GS120/150/200/250	230	VDR-D50/D51/D58	307
PV-610	130C	PV-GS300/308/400/500/508	230	VDR-D100/D105/D200/D210	230
PV-611A	150	PV-GS80/83/85/90/320/500	307	VDR-D220/230/250/300/310	230
PV-645/650/660	100C	PV-IQ202/IQ203/IQ204/IQ205	150	VDR-M10	172
PV-700/704/710/720	130C	PV-IQ205D/IQ214/IQ215/IQ225	150	VDR-M30/M50/M70	230
PV-750	100C	PV-IQ244/244D/245/255	150	VM-539/D100/L451	150
PV-760/760A/760B/800	130C	PV-IQ294/295/303/303A	150	VSB-0164	130C
PV-808	150	PV-IQ304/304A/305/314	150	WV-3400/4850	101C
PV-810	130C	PV-IQ315/325/344/375/375A	150	VW-VBN130	423-1.3
PV-822	100C	PV-IQ384/384A/393/394/403	150		
PV-900	130C	PV-IQ403D/IQ403DK/IQ404	150		
PV-908/910A	150	PV-IQ404A/405/425/434/475	150		
PV-910/918/940/950/960	130C	PV-IQ485/IQ493/IQ494/IQ495	150		
PV-2200	100C	PV-IQ503/504/504A/505	150		
PV-3200	100C	PV-IQ511/IQ525/IQ575/IQ594	150		
PV-5000	101C	PV-IQ604/604D/635/705	150		
PV-5110	100C	PV-IQPBA306	150		
PV-5150	110	PV-L50/L59/L60	150		
PV-5200/5350	100C	PV-L352/L353/L354	150		
PV-5372	150	PV-L450K/451/452/453/L454	150		
PV-5400	101C	PV-L457/L459K/L501/L550	150		
PV-5420	100C	PV-L551/L552/L552H/L557	150		
PV-5500	101C	PV-L558/L559/L560/L560K	150		
PV-5630	150	PV-L568/L571/L578/L579/L580	150		
PV-5800/5810	100C	PV-L590/L600/L600C/L601	150		
PV-5850/6000	101C	PV-L606/L607/L647/L650	150		
PV-6100	130C	PV-L650K/L651/L651D/L652	150		
PV-6110	100C	PV-L657/L658/L659/660	150		
PV-6500/6600	101C	PV-L660D/L670/L671/L677	150		
PV-8000/8100/8110	100C	PV-L678/L679/L679K/L680	150		
PV-8206/8306	150	PV-L681/L690/L691/L750	150		
PV-8440/8484/8485/8500	100C	PV-L750K/L751/L757/L758	150		
PV-8600/8650/9000/9000A	100C	PV-L759/L779/L779K/L780	150		
PV-9600/9600A	100C	PV-L780D/L781/L850/L850K	150		
PV-A206/A207/A208/A216	150	PV-L857/L858	150		
PV-A227/A228/A266/A286	150	PV-L859/L859K/L958	150		
PV-A296/A306/A307/A308	150	PV-LCD35	150		
PV-A376/A386/A396/A406	150	PV-M429	100C		
PV-A407	150	PV-MC10EQ	110		
PV-D10DK/D19DK/D29	150	PV-S43/S53/S62/S63/S64	150		
PV-D101	172	PV-S70	130C		
PV-D209/D209KJ	150	PV-S140/S150/S160	110		
PV-D300/D300K/D301	150	PV-S332	150		
PV-D308/D318/D326	150	PV-S350	100C		
PV-D406/D407/D414/D417	150	PV-S362/S372/S630	150		
PV-D426/D427/D476/D486	150	PV-S4420/S440/S445/S460	100C		
PV-D496/D506/D507/D526	150	PV-S540/S545/S550	100C		
PV-D606/D607	150	PV-S565/S575	100C		
PV-D700/D710/D1000	162	PV-S770	130C		
PV-D705/D776	150	PV-S770A	150		
PV-D900	172	PV-SD4090/SD5000	162		
PV-DC152/DC252/DC352	172	PV-VM202	172		
PV-DV10/DV10i/DV51/DV52	172	SD-VA100	241		
PV-DV53/DV73/DV100/DV100K	172	SDR-H18/H20/H200	230		
PV-DV102/DV103/DV200/200K	172	SDR-H40/H41/H48/H60	307		
PV-DV201/DV202/DV203	172	SDR-H68/H80/H90/H258	307		
PV-DV400/DV400K/DV401	172	SDR-H288	307		
PV-DV/402DV600/DV600K	172	SDR-H85/95/100/101	400		
				<b>Battery to Empire Battery #</b>	
				AG-3	150
				AG-BP15/BP15P	162
				AG-BP20	130C
				AG-B20P	100C
				AG-B21P	130C
				AG-BP25	166
				BP-508	150
				BP-BP20P	130C
				CGA-D54	262
				CGA-DU07/DU12/DU14/DU21	230
				CGA-S001/S001E	226
				CGA-S002	225
				CGA-S003	237
				CGA-S003A/1B	172
				CGA-S004A/S004E	260
				CGA-S005	284
				CGA-S006	283
				CGA-S007/S007A/S007E	298
				CGA-S008A/S008E	319
				CGA-S009A/S009E	367
				CGA-S101A/S101B	219
				CGA-S106B/ CGA-S/106B	367
				CGA-S301A1	203
				CGA-S302	241
				CGA-S303	290
				CGA-S603E	284
				CGP-D28A/D110/D210/D320	172
				CGR-B202/B403/B814	162
				CGR-D08/D14/D16/D28	172
				CGR-D120/D220/D320/D815	172
				CGR-DU06/DU06A/1B	230
				CRG-DU12A/1B	230
				CGR-S002	225
				CGR-S006,006A	283
				CGR-S101A	219
				CGR-S602A/S603E	218
				CGR-V14S	181
				CGR-V610/V620	181
				DMW-BC7	219
				DMW-BCA7	226
				DMW-BCB7	260
				DMW-BCC12	284
				DMW-BCD10/S007E	298
				DMW-BCE10/S008E	319

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

PANASONIC (CONT'D)		PANASONIC (CONT'D)		PENTAX (CONT'D)	
DMW-BCF10/10E/10GK/10PP	367	VW-VBJ10PP1K	319	Q BLACK/Q WHITE	333
DMW-BCG10/BCG10E	368	VW-VBK180	400-1.8	Q10	333
DMW-BCG10PP	368	VW-VBK360	400-3.6	RS1000	272
DMW-BCH7/BCH7E/BCH7PP	391	VW-VB260	307	RZ10	364
DMW-BCJ13	403	VW-VBL090	400	V1	104
DMW-BCK7/BCK7E/BCK7PP	418	VW-VBM7E/VBM10	100C	W90	363
DMW-BCM13	445	VW-VBM10E	155	WG-2/2GPS/WG-3/3GPS/WG10	364
DMW-BL14	218	VW-VBN260	423-2.6	X90	371
DMW-BL610	446	VW-VBN390	423-3.9	XG-1	251
DMW-BLA13E	307	VW-VBS1E/VBS2E	150	Z10	259
DMW-BLB13/13E/13PP	361	VW-VBS20E	155	<b>Battery to Empire Battery #</b>	
DMW-BLC12	417	VW-VBX070	363	D-Li1	208
DMW-BLD10/10PP/10E	416	VW-VBX090	339	D-Li2	203
DMW-BLE9	419	VW-VBY100	449	D-Li7	228
DMW-BLF19	440			D-Li8	222
DMW-BLH7	451			D-Li22	333
DMW-BLL7	444			D-Li50	238
DMW-BM7	225			D-Li63	311
DMW-BMB9	404			D-Li68	333
DMW-BMA7/S006E	283			D-Li72	259
EPK1185	100C	<b>PENTAX</b>		D-Li78	344
HHR-V20A/V20A1B/V40A	150	<b>Model to Empire Battery #</b>		D-Li85 / D-Li 95	222
HHR-V40A1B/V60A/V60A1B	150	645D	372	D-Li88	363
HHR-V214	150	EI-2000	208	D-Li90	372
HX-WA2/WA20	339	K-01	372	D-Li92	364
LCS-2012APC/2012AV	100C	K5/K5II/K5IIS/K5SILVER/7	372	D-Li106	371
LCS-2012DVBC	130C	K-10D/20D	238	D-Li108	272
LCS-2012P/2012VBNC	101C	K-r/K30	402	D-Li109	402
LCS-2312AVBNC	100C	MB-02	150-2	D-Li122	333
LCS-A122R3EU100C	100C	MB-02	159-2.1	K-20D	238
LCS-D122BU/D122EU	130C	MX-1	371	LB-60	251
LCT-1912AP	100C	OPTIO 330,330RS,430,430RS	203	PVBT1A/11/12	104
NCA-YN101H	418	OPTIO 550, OPTIO MX	228	PVBT71/72	NLA (02/10)
NVA3	155	OPTIO A10/20/30	222	PVBT810/820	113
P-9AS/8U13	110	OPTIO A36/A40	333	PVBT901/902	143
PV-122D	110	OPTIO E65/E75/ E85	222	RZ10	364
PV-214A/215A/611A	150	OPTIO H90	363	VE-258	130C
PV-BP10/BP11/BP12	110	OPTIO I10	364		
PV-BP15/16/17/18/19	150	OPTIO LS465	272	<b>PHILCO</b>	
PV-BP50	130C	OPTIO M30/40	311	<b>Model to Empire Battery #</b>	
PV-BP80/BP88	100C	OPTIO M50	344	V1728SL01, V1728TSL01	100C
PV-D200	172	OPTIO M90	272	VC1726SL01, VC1727SL01	101C
PV-DBP5	162	OPTIO N20	222	VCR740SL01, VCR790SL01	112C
PV-DBP8/DBP9	172	OPTIO P70/P80	363	VCR800SL01	112C
PV-GS80/GS85/GS320	230	OPTIO RS1500	272	VCR801AV01, VCR802AV01	100C
PV-GS320	230	OPTIO RZ18	364	VCR807AV01, VCR809AV01	100C
PV-IQ225D	150	OPTIO S1	344	VCR901AV01	100C
PV-L354/L454	150	OPTIO S/4/4i/5i/5n/5z/6/7/V/VI	222	VKR110	130C
PV-V213	150	OPTIO S10, S12	333		
UP10V1.1AN/UP10VI.IN	110	OPTIO T10/20	222	<b>Battery to Empire Battery #</b>	
VSU-0011	100C	OPTIO T30/ V10	311	SC2154	101C
VSU-0016	130C	OPTIO VS20	333	V80039BK01	100C
VSU-0190/0200	155	OPTIO W10/20, WP, WPI, X	222	V80063BK01	112C
VSU-0470	230	OPTIO W30	311		
VW-VB30/VB31	100C	OPTIO W60/ W80	344	<b>PHILIPS</b>	
VW-VBC1E/VBC3	110	OPTIO W90/ WS80	363	<b>Model to Empire Battery #</b>	
VW-VBC4E/VBC5E	110	OPTIO WG-1/WG-1GPS	364	CPJ-810/815	100C
VW-VBA05	237	OPTIO WG-2/WG-2GPS	364	CPK-816/832	130C
VW-VBA10/VBA21	203	OPTIO X70	364	CPK-834/855	100C
VW-VBCE4E	110	OPTIO Z10	259	CPK-910	110
VW-VBD1/VBD1E/VBD2	162	PV800E	103	CPL-820/827/915	130C
VW-VBD07/VBD14/VBD21	230	PVC1SA/11A/33/55A/66A/67A	104	CVJ-360	110
VW-VBD19/VBD19PP-K	396	PVC77A/78A	NLA (02/10)	CVL-345	100C
VW-VBD23/VBD24/VBD25	172	PVC480E/840E/PVC860E	109	CVR-315/325	NLA (02/10)
VW-VBF2	130C	PVC800A/850A/880A/900A	113	CVT-330/340	NLA (02/10)
VW-VBG6/VBG6K/VBG6PPK	393	PVC905A/909A	143	PRO 1	100C
VW-VBG070/VBG130	307	PVEM100E	109	VKR-2000	100C
VW-VBJ10/VBJ10E-K	319	PVR1000A	104	VKR-6800/6810	112C
		PVR1100A	100C	VKR-6830/6835/6836/6837	110
		PVR83030AV01	150	VKR-6838/6840/6841/6842	110
				VKR-6843/6865	110

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NYA: Not Yet Available

NR: No Replacement

### EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

PHILIPS (CONT'D)		QUASAR (CONT'D)		RCA (CONT'D)	
VKR-6846	108	VM-20AC/21AC/22AC	100C	CC-434/436/437/439	142S
VKR-6820S/6850/6851/6855	100C	VM-23AC/24AC/25AC	100C	CC-445	142S
VKR-9000/9005/9300	110	VM-26AC/27AC/29	100C	CC-507/509/510/512/517	142S
<b>Battery to Empire Battery #</b>		VM-32/32AC/33/33AC	130C	CC-520/525	142S
22AV5112, 22AV5119	112C	VM-34/35/37	100C	CC-540/542	142S
22AV5125/5126/5145/5166	110	VM-40AC/50/50AC	110	CC-543	142S
22AV5191	108	VM-51AC/52/52AC/53	110	CC-547/548	142S
22AV5591	100C	VM-100/110	150	CC-560	142S
AR8378BK01/AR8395BK01	100C	VM-500/505/508/510/511/512	150	CC-603	143
SBC5212/SBC5214	110	VM-513/514/515/516/517/518	150	CC-600/604/612/614	150
SBC5215	100C	VM--520/521/522/524/525	150	CC-615/616/617	150
SC2154	101C	VM-526	110	CC-620/621/631/632/633A	150
V80039BK01	100C	VM-530/535/538/539	150	CC-636/639	150
V80063BK01	112C	VM-544/545/547/549	150	CC-641/643/645/648	150
V80076BK01, V80085BK01	110	VM-550/555	150	CC-740/800/820	150
V80086BK01	100C	VM-560/565/575	150	CC-850	142S
V80096BK01	130C	VM-700/705/706	130C	CC-900D	160
V80115BK01, VK80116BK01	150	VM-708/709	100C	CC-1000/1650	150
V80139BK01	151	VM-710/716/717/718	130C	CC-4251/4252/4271	142S
V80146BK01, VK80149BK01	NLA (02/10)	VM-735/737/749	130C	CC-4352/4362/4371	142S
VE550UE	101C	VM-2100	100C	CC-4391/4392/4393	142S
<b>PIONEER</b>		VM-D100/D101	150	CC-6151/6251/6262/6263	150
<b>Model to Empire Battery #</b>		VM-L450/L457/L458/L459	150	CC-6271/6272/6291	150
VEM-800	103	VP-2100	100C	CC-6363/6364/6371/6372	150
VM-50	110	VP-5420/5435	101C	CC-6373/6374/6383/6384	150
<b>POLAROID</b>		VP-5430	100C	CC-6391/6392/6393/6394	150
<b>Model to Empire Battery #</b>		VP-5440/5441/5442	100C	CC-8251	166
DVF-720	203	VP-5450/5451/5452	100C	CC-9360/9370/9373	192
M635	328	VP-5740/5741/5742/5744	100C	CC-9381/9390	176
M737T	360	VP-5747/5748/5750/5751	100C	CCD-FX210/FX230	109
PR530L	153	VP-5756/5757	100C	CCR-265/300/305	NLA (02/10)
T370/730/831/833/1032/1455	272	VV-9404	100C	CLR-200	104
T737	360	<b>Battery to Empire Battery #</b>		CMR-200/300/350	104
T830	269	BP-500/508	150	CPR-100/150	106
T1031	286	P-V213A/1B	150	CPR-175/250/275	104
<b>Battery to Empire Battery #</b>		P-V214A/1B	150	CPR-300/350	104
02491-0066-00	272	P-V215A/1B	150	CPR-S350	104
02491-0053-00	272	P-V611A/1B	150	CVR-475	NLA (02/10)
02491-0056-00	272	VE250	112C	QVC-F477/F479	NLA (02/10)
02491-0057-00	272	VE255, VE256	110	PRO 8	109
<b>PREMIER</b>		VE257	100C	PRO 598	166
<b>Model to Empire Battery #</b>		VE258	130C	PRO 660	143
DS-A350/S888	315	VE550UE	101C	PRO 698H	166
DS-833088340/8350/8650	315	VE551XE	100C	PRO 702C	150
DS-8330/8340/8350/8650	315	VSBS0011	100C	PRO 742	166
<b>Battery to Empire Battery #</b>		<b>RADIO SHACK - SEE REALISTIC</b>		PRO 800/807/808	109
02491-0028-01	315	<b>RCA</b>		PRO 810/815	143
02491-0045-00	315	<b>Model to Empire Battery #</b>		PRO 820/820A/825	143
<b>PROSCAN</b>		CC-150	106	PRO 830/840/842/843	109
<b>Model to Empire Battery #</b>		CC-174	150	PRO 844	143*
CC-HIT555/566/577	166	CC-175	106	PRO 845	109
PRO 598/698H/898LH/998LH	166	CC-176/177/178/180	150	PRO 846	143*
PSC10	142S	CC-187/188/190	150	PRO 847	109
PSC15C	150	CC-250/260/275	104	PRO 850	143
PSC20HB	143	CC-265	110	PRO 852	109
<b>Battery to Empire Battery #</b>		CC-280/285/286	NLA (02/10)	PRO 854	143*
BB060	143	CC-300	104	PRO 860/865/867/870	143
HIT 555/566/577	166	CC-305/310/311/320	NLA (02/10)	PRO 880/880HB	143
<b>QUASAR</b>		CC-350	104	PRO 881HB/883HB/884HB	143
<b>Model to Empire Battery #</b>		CC-360/390/391	124	PRO 898LH	166
PS-40/150	110	CC-400/405/406/407/412	142S	PRO 930/932	143
VH-5420/5430/5435	101C	CC-413/414/415/416/417	142S	PRO 942/943/943S	143*
VM-10	112C	CC-420/421/422/423/424	142S	PRO 949	143
VM-11C	100C	CC-425	143	PRO 998LH	166
		CC-428/431/432/433	142S	PRO B712	164
				PRO EDIT	NLA (02/10)
				PRO V712/V714	158
				PRO V730/V741/V742	166

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

REALISTIC (CONT'D)		REALISTIC (CONT'D)		ROLLEI	
PRO V801C	150	23-184	109	<b>Model to Empire Battery #</b>	
PRO V949HB	143*	23-186	NLA (02/10)	DP-8300/8330, NP-83	315
PRO V950HB	156	23-187	130C	PREGO DP4200, DP5200	269
PRO V2000D	156	BT-22RS	115	PREGO DP6200, DP6300	269
PSC10	143	P16-BP63	NLA (02/10)	<b>Battery to Empire Battery #</b>	
PSC15C	150	P16-BT-22	115	02491-0015-00	269
PSC20HB	143	T16-BP64	142S	02491-0028-01	315
VTR-100	106	VM-BP21ARS	104	02491-0037-00	269
		VM-BP61RS	106	02491-0045-00	315
		VM-BP66RS	142S	<b>SABA</b>	
<b>Battery to Empire Battery #</b>		VM-BP82	143	<b>Model to Empire Battery #</b>	
AV-096	NLA (02/10)	VM-PB21ARS	104	CVK-2600	110
AV-8M3W	109	R-800H	107	VM-6800/6930/6940CD/6990	110
AV-8MLED+D1126	150			VM-6995CD, VMK-6700	110
AV-8MM	109	<b>RICOH</b>		<b>SAMSUNG</b>	
AV-8MSW	150	<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>	
AV-55	109	CAPLIO GX/8	228	AD43-00136A/00148A	271
AV-120	104	CAPLIO GX100	284	AQ100	382
AV-158C/608/609	109	CAPLIO R1, R2, Z1	300	CL80	370
AV-622	103	CAPLIO RR1	183	DIGIMAX 301	268
AV-650	110	CAPLIO R3/4/5	284	DIGIMAX i5, i50	222
AV-800	143	CAPLIO R6/R7	323	DIGIMAX i6	288
BB-060	143	CAPLIO RR30	228	DIGIMAX i8	332
BB-44/45/50	158	CAPLIO R30/40	284	DIGIMAX i85	314
BB-65L	166	CAPLIO R50	344	DIGIMAX L55W/85W	295
BB-75	156*	CAPLIO 300G/500G/500SE	228	DIGIMAX L50/L60/L73/L80	288
BB-90	156	CX1/CX2/R8/R10	323	DIGIMAX L74	314
BB-120/150	143	CX3/4/5/6	364	DIGIMAX L77	259
BB-700	150	DS-6370	331	DIGIMAX L700	288
BC-40, BDC-40	160	G600	284	DIGIMAX L830	332
BP-96	110	GR-DIGITAL/DIGITAL II	284	DIGIMAX NV3, NV7	288
BP-96FL/96FS	NLA (02/10)	GR-DIGITAL III, GX-200	284	DIGIMAX NV10/15/20	303
BV-060	143	GR-DIGITAL IV	284	DIGIMAX NV11	314
CB-060/120	104	GXR	299	DIGIMAX PRO-815	289
CB-096FL/096FS/096 LONG	142S	PX	364	DIGIMAX ST10	332
CB-120	104	RDC-7/6000, RDC-1500	183	DIGIMAX U-CA3/4/5	203
CBC-060/120	106	RDC-I700	174	DIGIMAX U-CA401/501/505	203
EP-096FL/096FS	142S	R-16/17/17C/18H/66/67/86	109	DIGIMAX V3/4/5/6/50/70	268
FB-096FS/120/1260	150	R-87H	153C	DIGIMAX V700, V800	203
		R-86S/88/88H/105/108H/200	109	DIGIMAX V4000	268
<b>REALISTIC</b>		R-250/500/600	103	DV150F	382
<b>Model to Empire Battery #</b>		R-260/600S/610/612/615/620	109	DV200/300/300F	428
16-801	104	R-630/680/800/808H/810	109	EC-MV900F	434
16-802/803/825	NLA (02/10)	R-800H	107	ES-55	341
16-826	115	R-830/831/850/860/861/880	109	ES-65/70/80	382
16-830	142S	TF-200	109	EX2/2F	341
16-851	106	VC-H815	109	GALAXY EK-GC200	453
16-852/853	109			GX-10/20	238
16-2433	271	<b>Battery to Empire Battery #</b>		H304	411
16-2434/2435	246C	DB-20	183	HMX-E10/100	405
16-2436	230	DB-30	174	HMX-F80/500/530	411
16-3840	253C	DB-34	228	HMX-H100/104/105/106	335
16-3843	247C	DB-40	203	HMX-H200/203/204/205/220	411
16-3882	216	DB-43	228	HMX-H300/303/305/320	411
16-3884	251	DB-50	300	HMX-M20	390
MODEL 100	104	DB-60	284	HMX-Q10	390
MODEL 101	NLA (02/10)	DB-70	323	HMX-R10	371
MODEL 102/103/126	142S	DB-80	344	HMX-S10/15/16	411
MODEL 125	NLA (02/10)	DB-90	299	HMX-T10/T100	390
MODEL 126	142S	DB-100	364	HMX-U20	341
MODEL 150	106	DRP-2	109	HZ10W/HZ15	341
MODEL 151/152/153/154	109	DS-6365	331	HZ30W/35W/50W	370
MODEL 155	150	NP-22	103	i6pmp/70	288
MODEL 157	143	NP-55/77/99	109	i7	318
<b>Battery to Empire Battery #</b>		NP-500	153	i8	332
16-804, 16-BP65	142S	SL-58, SL-68	331	i80/85/100	314
23-183	104			IT-100	341
				L60/73/700	288

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**



SAMSUNG (CONT'D)		SAMSUNG (CONT'D)		SAMSUNG (CONT'D)	
L70/83T/201/301	303	SC-X800X/803/X804/X854	109	VP-L800/850/870/900/903/907	195
L74	314	SC-X904X/915/X953	109	VP-L980	109
L77	259	SDC-K50/64/128/512	296	VP-M50/51/52/53/54	195
L100/110/200/210/310W	341	SDC-D256/D512	296	VP-M102/102B/102S	282
L730, L830	332	SDC-MS61	305	VP-M105/105B/105R/105S	282
M900/M900F	434	SH-100	412	VP-M110/110B/110L/110R	282
MV900/900F	434	SL-50/600/630	382	VP-M110S/M2100	282
NV4	332	SL102/202/310/420/620/820	341	VP-MS10/11/12/15	296
NV5	288	SL201	303	VP-MX10/MX20	335
NV8	303	SL-600/605	382	VP-X110/X110L	282
NV9	341	SMX-C10/C14/C20/C24	373	VP-W70U/W71/W75/W75D	195
NV30/40/24HD/100HD	314	SMX-F30/F34	335	VP-W80/W87/W90/W97	195
NX1	457	SMX-F40/43/44/50/53/54	411	WB-30	382
NX10/20/100	386	SMX-F400/401	411	WB-100/1000	370
NX200/210/1000/1100	421	ST-10	332	WB-210	412
PC600	411	ST-50/500/550/600	366	WB-150/150F/500/550/850/850F	341
PL10	332	ST-60/65/66/70/72/76/80/90	382	WB-250F/800F/2100	341
PL20	382	ST-95/100/150F/700	382	WB-700/5000	370
PL-50/51/55/60/65/70	341	ST-200	412	<b>Battery to Empire Battery #</b>	
PL-80/90/100/120/170/200	382	ST-1000	370	AC-43-1001R	109
PL-150	366	SV-C3/C8	103	B-9527	302
PL-210/211	412	SV-C9	110	BP-70A	382
Q10	390	SV-E27	100C	BP-85A	412
QF20	390	SV-H30/H33	109	BP-88A	428
SB-P90AB/P90ASL	282	TL9	341	BP-88B	434
SC-A12/14/20/23/25/30/33/35	109	TL34HD	314	BP-90A / IA-BP-90A	405
SC-A80/A85	109	TL100/200/205/210/220/225	366	BP125A	390
SC-D20/21/23/24/27/29/31/33/34	200	TL105/110/125	382	BP-1030	421
SC-D37/39/55/60/67/70/73/75	200	TL320/350/500	370	BP-1130	421
SC-D77/80/81/86/87/93/99	200	VC-E27N/H15N/H815	109	BP-1310	386
SC-D105L	282	VM-A650/930	200	BP-1900	457
SC-D107/130/370	200	VM-B97HS/710/730/770	200	BP-2000	453
SC-D164	271	VM-B990/1300/1900/3710	200	CAB-05/06	152
SC-D180/190/323/325/327/340	200	VM-C630/670/690/730/790	200	ED-BH1310	386
SC-D351/352/353/354/355/357	271	VM-C890/1500/2000	200	FB-1260	150
SC-D363/364/365/366/372	271	VM-C5000	235	IA-BH125C	371
SC-D382/D385	377	VM-M102/M105/M110	282	IA-BH130LB	373
SC-D453/455/457/557	271	VP-A20/22/30/31/33/34	109	IA-BP80W/BP80WA	377
SC-D530/530T/D590/590T	200	VP-A50/55/57/800/A850	109	IA-BP125A	390
SC-D903	278	VP-D7L/D10/D11/D15/D15i	200	IA-BP85OM	343
SC-D5000	235	VP-D20/D21/D21i/D23/D23i	200	IA-BP85ST	335
SC-D6040/D6550	200	VP-DD24/D26/D30/D31	200	IA-BP105R/BP210E/BP210R	411
SC-DC164/165/173/575	271	VP-D33/D33i/D34/D34i/D39	200	IA-BP105R/BP210R/BP420E	411-4
SC-DX10	343	VP-D55/D60/D63/D65	200	NB-E60A/E70A	109
SC-DX103/205	377	VP-D70/D73/D75/D76/D76i/D77i	200	NC-120N	109
SC-F30/32/34/35/703	130C	VP-D80/D81/D82/D83/D85/D87	200	SB-L10A/ SLB-10A	341
SC-F500/501	104	VP-D87i/D93/D97/D99/D99i	200	SB-L70/L70A	200
SC-F700/702/710/712	152	VP-D101/103	200	SB-L70G	235
SC-704/F754/755/756/765	130C	VP-D103i/D303i/323i	278	SB-L110	200
SC-H985/H996	109	VP-D105/D107/D130/D130i	200	SB-L110A	195
SC-HMX10/HMX20C	335	VP-D190/D190i/D190MSi	200	SB-L110G	235
SC-K60/K70/K75/K80/K85	109	VP-D230/D250/D270/D301/D30	200	SB-L160	195
SC-L100/L300/L320/L330/350	109	VP-D305/D307/D327i/D340	200	SB-L220	200
SC-L520/L530/L540/L550	195	VP-D351/351i/352/352i/353	271	SB-L320/L480	195
SC-L600/L610/L630/L650	195	VP-D353i/354/354i/355/355i	271	SB-LH73	305
SC-L700/L710/L750/L770	195	VP-D380i	200	SB-LH82	296
SC-L800	109	VP-D451i/453i/454i/455i	271	SB-LS80	271
SC-L810/L860/L870	195	VP-D530/D530R/D590/D590i	200	SB-LS110/LS220	278
SC-L901/L903/L906/L907	195	VP-D903i/D907i/6050i	278	SB-LSM80/LSM160/LSM320	271
SC-M51/M52/M53	195	VP-D5000/D5000i	235	SB-P90A	282
SC-M105S	282	VP-D6040/D6050/D6050i	200	SB-P120A/P240A	302
SC-MS10/11/15	296	VP-DX10	343	SB-P180A	282
SC-MX10/MX10A/MX10P	335	VP-DX100/100i/105i/200	377	SC-W62	195
SC-MX10R/20/20C/25E	335	VP-HMX20C	335	SLB-07A	366
SC-W61/62/71/73/80/87/97	195	VP-L150	150	SLB-07B	366
SC-X105LX110L	282	VP-L100/L300/L330/L350	109	SLB-0637	259
SC-X205/X210/X300/X300L	302	VP-L500/520/530/550/700	195	SLB-0737	222
SC-X704	130C	VP-L700U/710/750/750D/770	195	SLB-0837	288

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SAMSUNG (CONT'D)		SANYO (CONT'D)		SEARS (CONT'D)	
SLB-0837B	303	XACTI DMX-CG65/CG65G	244	53851, 53884	109
SLB-0937	332	XACTI DMX-CG65K/CG65S	244	55514	150
SLB-10A	341	XACTI DSC-C4	244	55534	143
SLB-11A	370	XACTI HD1	294	55624, 55625, 55634	150
SLB-1037/1137	203	XACTI SH1	387	55635, 55814, 55824, 55844	109
SLB-1137C	318	XACTI VPC-A5	259	55914	NLA (02/10)
SLB-1137D	314	XACTI VPC-C4E/CA6/CA8/CA6	244	55428, 58428, 58457, 58458	164
SLB-1237	295	XACTI VPC-CG6/CG9/E60	244	58537, 58538	142S
SLB-1437	268	XACTI VPC-E60EXJ4EX	244	58628, 58657, 58658	150
SLB-1674	238			58667, 58668	150
SLB-1974	289	<b>Battery to Empire Battery #</b>		58827	109
SV-LB5	152	BNP-22	103	58828	153
SV-LB6	130C	DB-L10	224	58847	109
SV-NB3/NB4	104	DB-L20	244	58848	153
<b>SANYO</b>		DB-L30	259	58857	109
<b>Model to Empire Battery #</b>		DB-L40	294	58878	153
DMC-FE30	294	DB-L50	236	58917, 58937, 58968	150
DMX-C1/C4D/C4L/C4N	244	DB-L80	363	<b>Battery to Empire Battery #</b>	
DMX-C5S/C5T/C5W	244	DB-L90	387	5399	100C
DMX-C6K/C6R/C6S	244	DS-5370	272	52061	109
DMX-CG10/11/100/110	363	LA2312	100C	52074	150
DMX-CS1	363	NB-111	191	53834	142S
DMX-GH1	363	NP-1/1A	114	53981	NLA (02/10)
DMX-HD800	294	NP-40	222	53982	142S
DMX-SH1	387	SL20	244	53983	142S
DSC-MZ3	224	UR-110	191	53988	109
DSC-C4/C5/E6/J4	244	UR-121/121D/124	221	53991	130C
IDC-1000U/1000Z	221	UR-211	183	53994, 53995	104
VC-8/10	103	VR-151	158	VMBP61AS	NLA (02/10)
VCR-88	103				
VEM-8, VEM-800, VEM-D3	103	<b>SEALIFE</b>		<b>SELECO</b>	
VEM-H100/S1/S2	109	<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>	
VISION 8	103	BS-8300	315	SVM-7000	110
VM-8/10/800P	103	DC800/DC1000	315	<b>SHARP</b>	
VM-D1P	103	REEFMASTER DC500	269	<b>Model to Empire Battery #</b>	
VM-D1/D3/D5/D5P/D6/D6P/D8P	109	S5	269	AC-2000	110
VM-D66/D66P	109	<b>SEARS</b>		AD-M20BT	187
VM-ES77/ES99/H100P	109	<b>Model to Empire Battery #</b>		AD-MS10BT	191
VM-P5P/PS12	109	934	142S	AD-S30BT/S31BT	207
VM-RZ1/RZ1A	109	5368, 5369, 5370	100C	AD-T50BT/T51BT	207
VME-S88/S88P	109	5372, 5374, 5376, 5377	104	MD-MS702MK/MS722	207
VPC-C1/C1EX/C4/C4EX/C4GX	244	5379	NLA (02/10)	MD-MT821GL	207
VPC-C4S/C5/C5E/C5EX/C5GX	244	5524, 5526	142S	MS-S10BK	187
VPC-C6/C40	244	53601, 53612	150	QC-50	110
VPC-CA6/CA8/CA9/CA65	244	53661, 53662, 53671, 53672	130C	SLIMCAM	146
VPC-CA100/CA102/CA102YL	363	53684, 53685	130C	VC-20/250	110
VPC-CG6/CG9/CG65	244	53683, 53691, 53703	100C	VC-C10U	112C
VPC-CG10/20/21/88/100	363	53704, 53705, 53706	109	VC-C20UA	115
VPC-CG102	363	53708, 53709	109	VC-C50/C50UA/C500A	110
VPC-CS1/CS1P	363	53721	104	VIEWCAM Z	229
VPC-E1/E2/E6/E6EX/E6U/E7	244	53722, 53725	143	VL-50/60/62U/63U/64U	146
VPC-E760/E870	222	53729, 53730, 53732	104	VL-73/74UA	108
VPC-FH1/FH1A	236	53733, 53734, 53735	142S	VL-100UP	109
VPC-GH1/GH2/GH3/GH4	363	53740, 53741, 53742	104	VL-780H/780S/780X	110
VPC-HD1/1A/2/700/800	294	53743, 53744	104	VL-A10U/A110U/111U/150U	164
VPC-HD1000/1010/2000	236	53745	NLA (02/10)	VL-A160U/260U	164
VPC-J4/J4EX/S7	244	53746	142S	VL-AD260U	176
VPC-PD1/PD2BK	363	53749, 53761	104	VL-AH30U/AH50U/AH60U	164
VPC-SH1	387	53762, 53763, 53764	142S	VL-AH130U/AH131U	164
VPC-T700/T850	272	53781, 53782, 53783	142S	VL-AH150U/AH151U	164
VPC-TH1/MH1	236	53790	NLA (02/10)	VL-AH160U/AH161U	164
VPC-X1200/X1220/X1420	363	53791	104	VL-AH500U/1500/1510	164
VRC-200	112C	53792, 53793	142S	VL-AX1H	176
VRC-7300, VTC-5800	114	53794	124	VL-C2/C65	108
XACTI C6/CG65/E1/E60	244	53795, 53796, 53801	142S	VL-C72UA	110
XACTI DMX-C4/CA6/CA8/CG6	244	53832	104	VL-C73U/C74UA/C77UA	108
XACTI DMX-CA6L/CG6P/CG6S	244	53833, 53834, 53843, 53882	NLA (02/10)	VL-C80	104
XACTI DMX-CG9/C40S/CA65	244				

\*Indicates Internal Fit

NLA: No Longer Available

NYA: Not Yet Available

NR: No Replacement

**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

SHARP (CONT'D)		SHARP (CONT'D)		SIEMENS	
VL-C650U/C670	108	VL-L410U	115	<b>Model to Empire Battery #</b>	
VL-C690HC/690S/C690X	110	VL-L490/L490U	146	FA-108-4	103
VL-C750U/C770/C780	108	VL-L510U	115	FA-114/118/122/126	109
VL-C855UA/C860/C6100	108	VL-L630/L634	146		
VL-C7500/7950S	110	VL-L4100U/L4300U	115		
VL-D5000U	156	VL-L8100U	146		
VL-DC1U/DC3U	156	VL-LXXU	146		
VL-E7E/E8E	109	VL-M6GY/M6SL/M6U	109		
VL-E33/E34	158	VL-ME10H/ME100 PRO	176		
VL-E33U/E34U	164	VL-MS7SL	109		
VL-E36	NR	VL-MX6/MX7GY/MX7U	109		
VL-E37/E37U/E39/E39U	158	VL-MX70	109		
VL-E40U/E42	109	VL-N1U	109		
VL-E43/E46/E47/E49	158	VL-NZ8U/NZ10U	205		
VL-E43U/E46U/E47U/E49U	164	VL-NZ50U/NZ55U/NZ100U	205		
VL-E60/E62DU/E65DU/E66	164	VL-NZ105U/NZ150U	205	AC-VQ11	173
VL-E66U/E77/E77U/E78/E78U	164	VL-PD1U	179	AC-VQ/H10/P10	246C
VL-E79/E89/E96/E98	164	VL-PD3U	177	BC-L100CE	250
VL-E42U	158	VL-PD6	176	BETA-CAM	114
VL-E450	156	VL-RD1U	178	BC-TR1	247C
VL-E500U	158	VL-S1/S1U/S5/S5U	164	BC-V500/V615	153C
VL-E550	156	VL-S860	108	BKW-L601/2	250
VL-E600/E600U/E610U	164	VL-SD20U	176	BVP-5/7/50/70/90	250
VL-E620/E620U	164-2.5*	VL-SE10/SE10U/SE15	164	BVP-550W/BVV-5/DNV-5	250
VL-E630U	164	VL-SE20/SE20U/SE50U	164	BVW-200/300/400/400A/400P	250
VL-E650/E650U	164-2.5*	VL-SW50U	164	BVW-505/507/550/570/590	250
VL-E660U/E665U/E680U	164	VL-WD200U	176	BVW-D600	250
VL-E685U/E700/E700U/E720	164	VL-WD250H/WD250U/WD255U	176	CCD-20061	109
VL-E720U/E750/E750U	164	VL-WD450U/WD650U	176	CCD-CR1	173*
VL-E760/E760U/E765/E765U	164	VL-Z1U/Z3U/Z5U/Z7U	229	CCD-CR1E	173C
VL-E780U/E785U	164	WD-250U/450U/650U	164	CCD-F33	159-4
VL-E850/E980U	164			CCD-F30/33/34/35/36/38/40/45	109
VL-FD1/FD1U	196 (NLA)	<b>Battery to Empire Battery #</b>		CCD-F46/50/55/56/70/77	109
VL-400	109	AD-S30BT/S31BT	207	CCD-F150/201/250/280/301	109
VL-H9E	109	AD-T50BT/T51BT	207	CCD-F302/330/335/340/350	109
VL-H47U	156	BT-5C	108	CCD-F355E/370/375E/380/401	109
VL-H80DU/H95	164	BT-20	112C	CCD-F402/450/455E/500/501	109
VL-H400U	109*	BT-21/22	115	CCD-F550/F555E	109
VL-H410/H410U/H420/H420U	164	BT-30N	146	CCD-FX3	109
VL-H450/H450U	156	BT-51/52	110	CCD-FX228/FX230/FX280E	109
VL-H500/H520/H520U	156	BT-70	109	CCD-FX310/FX311/FX330	109
VL-H550/H550U	156	BT-71/72	110	CCD-FX400/FX410/FX420	109
VL-H700/H800/H800U	164	BT-73	108	CCD-FX500/FX510/FX511	109
VL-H810U	156	BT-75/76	110	CCD-FX520/FX530	109
VL-H850/H850U	164	BT-77	109	CCD-FX620/FX630	109
VL-H860/H860U	176	BT-80/80BKP	159-4S	CCD-FX710/FX730V	109
VL-H870/H870U/H875/H875U	176	BT-BH70U/BH85U	109	CCD-FX810/FX830VE	109
VL-H880/H880U	176	BT-C4	108	CCD-G100ST	109
VL-H890/H890U/H950U	176	BT-C20	112C	CCD-GV200/GV500	109
VL-HL50	156	BT-H11U	158	CCD-M7U	109
VL-HL100U	109	BT-H21U/H22U/H32U/H42U	164	CCD-M8E/8EK/8U/9U/10	103
VL-L10/L10U	115	BT-L1U/L2U	156	CCD-RV100/RV200	153C
VL-L30U	146	BT-L1U/L2U/L11U/L12U	156	CCD-SC5/SC5E/SC6	153C
VL-L40U	109	BT-L43U	179	CCD-SC6E/SC8E	109
VL-L50/L50U	146	BT-L44U	178	CCD-SC7/SC7E/SC9	153C
VL-L60U/L62U/L63U	146	BT-L221	177	CCD-SC55/55E/65	153C
VL-L64U/L65U/L72U	146	BT-L221U	176	CCD-SP5/SP5G/SP5Y	109
VL-L80U/L80UA	115	BT-L223U	196(NLA)	CCD-SP7/SP9	109
VL-L94U/L95U	146	BT-L225U	205	CCD-TR1/TR1E/TR2/TR3	153C
VL-L133	158	BT-L226U	229	CCD-TR4/TR5/TR6	109
VL-L150U/L170U/L175/L175U	115	BT-L241/L241U/L441/L441U	176	CCD-TR7/TR8/TR9	109
VL-L180U/L210U	115	BT-L445U	205	CCD-TR11/TR12/TR18/TR18E	153C
VL-L240U	146	BT-LS222U/LS242U	214	CCD-TR21/TR23	109
VL-L250U	115	BT-N1U/N11U	158	CCD-TR30/TR31/TR33/TR36	109
VL-L270U/L270U/L280/L285U	115	VB-BL5	156	CCD-TR40/TR45/TR44	109
VL-L290/L290U	146	VR-BL71	156	CCD-TR50/TR50E	109
VL-L310U/L330U	115	VR-BL74	196	CCD-TR54/TR55/TR56	109
VL-L340U/L380U/L390U	146	VR-BL75/BL81	156	CCD-TR57	153C
				CCD-TR61/TR64/TR65/TR66	109

\*Indicates Internal Fit

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

SONY (CONT'D)		SONY (CONT'D)		SONY (CONT'D)	
CCD-TR67	153C	CCD-TRV119	109	DCR-HC30/35/37/39/44/45	246C
CCD-TR70/72/74/75/75BR	109	CCD-TRV126/128/138	180C	DCR-HC30E/30G/30L/30S	246C
CCD-TR76	153C	CCD-TRV201	153C	DCR-HC47/53/62/94	246C
CCD-TR78/TR81/TR82/TR83	109	CCD-TRV208/208E	180C	DCR-HC32/32E/33E/36/39E	308
CCD-TR84/TR86	109	CCD-TRV211/TRV212	109	DCR-HC40/43/46	308
CCD-TR87	153C	CCD-TRV215	153C	DCR-HC41/42/42E	246C
CCD-TR88/91/93/94/96	109	CCD-TRV218/TRV218E	180C	DCR-HC65/85/85E/96	308
CCD-TR97	153C	CCD-TRV228/228E/238/238E	180C	DCR-HC28/38/48/52/54/62	308
CCD-TR98/99/100/101C	109	CCD-TRV312	109	DCR-HC88	180C
CCD-TR105/105E/112/150	109	CCD-TRV315	153C	DCR-HC90	263-1
CCD-TR200	153C*	CCD-TRV308/318/328/338	180C	DCR-HC96	308
CCD-TR205	109	CCD-TRV408/TRV408E	180C	DCR-HC1000/1000E	209C
CCD-TR215/280PK/290PK/300	153C	CCD-TRV416	153C	DCR-IP1/IP1E/IP1K/IP5/IP5E	209C
CCD-TR311E/315/315E/317	153C	CCD-TRV418/418E/428/428E	180C	DCR-IP7/IP7BT/IP7E	209C
CCD-TR380/TR385E/TR400	109	CCD-TRV428E/TRV438E	180C	DCR-IP45/45E/55/55E	209C
CCD-TR408E	180C	CCD-TRV512	109	DCR-IP200K/210/210E	209C
CCD-TR411E/412E/413/414	153C	CCD-TRV517	153C	DCR-IP220/220BT/220E/220K	209C
CCD-TR415E/416/417/417E	153C	CCD-TRV608	180C	DCR-PC1/PC1E/PC2/PC2E	173C
CCD-TR425E/427/427E/500	153C	CCD-TRV615/620/715/716/720	153C	DCR-PC3/PC3E/PC4/PC4E	173C
CCD-TR505K/TR514	109	CCD-TRV728	153C	DCR-PC5/PC5E	173C
CCD-TR511/511E/512E/515E	153C	CCD-TRV730/740/748E	180C	DCR-PC6/PC6E	180C
CCD-TR516/516E/517/555/610	153C	CCD-TRV815/TRV900	153C	DCR-PC8/PC8E/PC9/PC9E	180C
CCD-TR600/TR614	109	CCD-TRV911	109	DCR-PC7/PC10	163
CCD-TR617/617E/618/618E	153C	CCD-TRV930/940	153C	DCR-PC55/55B/55R/55S/55W	263
CCD-TR640E/710/713E/716	153C	CCD-TRV3000	153C	DCR-PC100/101/101E/101K	180C
CCD-TR700/705/705E/714	109	CCD-V1/V3	103	DCR-PC103/103E/104/104E	180C
CCD-TR717/717E/718/718E	153C	CCD-V4	109	DCR-PC105/105E/105K	180C
CCD-TR728/728E/730E/760E	153C	CCD-V5/V7/V7F/V8/V8AFU	103	DCR-PC106/106E/107/107E	209C
CCD-TR748	180C	CCD-V9/V11/V22	109	DCR-PC108E/109109E	209C
CCD-TR805E/TR814	109	CCD-V30/V35/V50E/V50F	103	DCR-PC110/110E/115/115E	180C
CCD-TR810E/818/840E/845E	153C	CCD-V88/V90/V95E/V99	109	DCR-PC120/120BT/120E	180C
CCD-TR880E/TR900	109	CCD-V101	109	DCR-PC300K/330/330E	180C
CCD-TR910/913E/918E	153C	CCD-V100/V110/V200/V220	103	DCR-PC350/PC350E	209C
CCD-TR916	109	CCD-V700E/V701	109	DCR-PC1000	263
CCD-TR917/930/940/950E	153C	CCD-V800/800E/801/801E	109	DCR-R1	180C
CCD-TR1100E/2200E/2300	153C	CCD-V900/V5000/V5000E	109	DCR-SC100	153-1.5C
CCR-TR2300E/3000	153C	CCD-VD1	103	DCR-SR30/32/33/35/36/37/38	308
CCD-TR3000E	109	CCD-VX3	109	DCR-SR40/42/45/46/50/52/55	308
CCD-TR3100E/TR3200E	153C	CRX10U	153C	DCR-SR57/60/62/65/67/70/72	308
CCD-TR3300/TR3300E	153C	CVX-V18NS/V18NSP	153C	DCR-SR75/77/80/82/82C/85/87	308
CCD-TRV4/TRV5/TRV9	153C	D-V500	153C	DCR-SR90/100/190/200/220	308
CCD-TRV11/TRV12	109	DCM-M1	153-1.5C*	DCR-SR220D/290/300/300C	308
CCD-TRV15/TRV16/TRV16E	153C	DCR-30	246C	DCR-SR58/68/78/88	380C
CCD-TRV19/TRV21/TRV22	109	DCR-DVD7	263	DCR-SX34/44/53/63/83	380C
CCD-TRV20	180C	DCR-DVD91/91E	180C	DCR-SX30/31/37/40/41/50/60	308
CCD-TRV22	109	DCR-DVD92/92E	246C	DCR-SX45/SX65/SX85	380C
CCD-TRV25/TRV27E	153C	DCR-DVD100/100E/101/101E	180C	DCR-TR7000/7000E/7100E	153C
CCD-TRV29/30/32/33	109	DCR-DVD103/105	246C	DCR-TR8000E/8100E	153C
CCD-TRV35/36/37/37E	153C	DCR-DVD106/108/109/110	308	DCR-TRU47E	153C
CCD-TRV40	109	DCR-DVD115/304/306/310	308	DCR-TRV1VE	173C
CCD-TRV41/43/45K/46/46E/47	153C	DCR-DVD200/200E/201/201E	180C	DCR-TRV6/TRV6E	180C
CCD-TRV47E/48/48E/49/51	153C	DCR-DVD202E/203/203E	246C	DCR-TRV5/TRV7/TRV9	153C
CCD-TRV52/TRV53	109	DCR-DVD404/406/410/450	308	DCR-TRV8/TRV8K	180C
CCD-TRV54E/55/56E/57/57E	153C	DCR-DVD505	308	DCR-TRV10/10E/11/11E	180C
CCD-TRV58/59/59E/61E	153C	DCR-DVD610/710/810/910	308	DCR-TRV12/12E/14/14E	180C
CCD-TRV62/63/64E	153C	DCR-DVD203KIT1/205	246C	DCR-TRV15/15E/16/16E	180C
CCD-TRV65/65E/66/66E/66K	153C	DCR-DVD300/301	180C	DCR-TRV17/17E/17K	180C
CCD-TRV67/67E/68/71/72/75	153C	DCR-DVD305/403/403E/405	246C	DCR-TRV18/18E/18K	180C
CCD-TRV78/78E/80PK/81/82	153C	DCR-DVD308/408/508/608	308	DCR-TRV19/19E/20/20E	180C
CCD-TRV85/85K/86PK/87/87E	153C	DCR-DVD650/850	308	DCR-TRV22/22E/22K/23	180C
CCD-TRV88/90/91/91E/92/93	153C	DCR-DVD505/602/605/653	308	DCR-TRV24/24E/25/25E	180C
CCD-TRV93/93E/94E	153C	DCR-DVD703/705/708/755	308	DCR-TRV27/27E/30/30E	180C
CCD-TRV95/95E/95K	153C	DCR-DVD803/805/808/905/908	308	DCR-TRV33/33E/33K/38/39	180C
CCD-TRV96K	180C	DCR-HC14/14E/15/15E	180C	DCR-TRV40/40E/50/50E	180C
CCD-TRV98/98E/99/101	153C	DCR-HC16/16E/17/17E	246C	DCR-TRV49E/TRV58E	153C
CCD-TRV106K/107/108/108E	180C	DCR-HC18/18E/19E	246C	DCR-TRV60/60E/70/70K	180C
CCD-TRV112	109	DCR-HC20/21/26/30	308	DCR-TRV75/75E/80/80E	180C
CCD-TRV116/TRV118	180C	DCR-HC23/22/24/26/27/29	246C	DCR-TRV103/110/110E/110K	153C

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

SONY (CONT'D)		SONY (CONT'D)		SONY (CONT'D)	
DCR-TRV116/116E/118/118E	180C	DSC-HX100V/HX200	308C	DSR-600PL/650WSPL	250
DCR-TRV120/120E/125E	153C	DSC-HX50/HX300	431	DSR-70/A/AP	
DCR-TRV130/130E	153C	DSC-L1/L1B/L1R/L1S/L1W/M1	247C	DSR-PD1	163
DCR-TRV138/140/140E/140U	180C	DSC-M2	253C	DSR-PD100/100A/100AP/100P	153C
DCR-TRV145/145E	180C	DSC-N1/N2	287	DSR-PD150/170/170P	153C
DCR-TRV203/210/210E/220K	153C	DSC-P1	173C	DSR-PD150P/PDX10/PDX10P	180C
DCR-TRV230/230E/235E	180C	DSC-P2/3/5/7/8/9/10	206C*	DSR-V10/V10P	153C
DCR-TRV238/238E/239	180C	DSC-P8L/8R/8S/9/10L/10S	206C	DVW-7/707/707P	250
DCR-TRV240/240E/240K	180C	DSC-P12	180C	DVW-709/WS/790WS/WSP	250
DCR-TRV245/245E/250/250E	180C	DSC-P20/P30/50/70	173C*	DVW-90/90WS/970/970P/970WS	250
DCR-TRV255/255E/260	180C	DSC-P100/P100L/P100LJ	253C	DXC-637/3000	114
DCR-TRV265/265E/270E/280	180C	DSC-P100PP/P100R/P100S	253C	DXC-D30/D35/D35L/D35P	250
DCR-TRV285E/300K/310	180C	DSC-P120/P150/P150B	253C	DXC-D35PL/D35WS/D35WSP	250
DCR-TRV310E/310K/315	153C	DSC-P150L/P150LJ/P150S	253C	DXC-D35WSPL/D50/D50H	250
DCR-TRV318	180C	DSC-P200/P200B/P200R	253C	DXC-D50K/L/P/PH/PK/PL/WS	250
DCR-TRV320/320E	153C	DSC-P200S	253C	DXC-D50WHS/WSL/WSP/WSPL	250
DCR-TRV325/330/330E/338	180C	DSC-R1	180C	DXC-M2A/M3A	250
DCR-TRV340/340E/345/345E	180C	DSC-RX1/RX100	431	ED-CAM	114
DCR-TRV350/355/355E/360	180C	DSC-S30/S50/S70/S75/S85	180C*	EDC-50	114
DCR-TRV420E	153C	DSC-S950/S980	351	EV-P10	103
DCR-TRV430E/460/460E	180C	DSC-S750/780	287	EVC-8/10	103
DCR-TRV480/480E	180C	DSC-T2	334	EVC-X7	109
DCR-TRV510/520/520E/525	153C	DSC-T3	153C	EVO-250	153C
DCR-TRV530/530E	180C	DSC-T1/3B/3S/5/5B/5N/5R/5S	247C	EVO-9100	109
DCR-TRV620E/620K/720/720E	153C	DSC-T7/T7B/T7S	274	EVW-300L	114
DCR-TRV725/730/730E	180C	DSC-T9	147C	FDR-AX33	380C
DCR-TRV735K	153C	DSC-T10/T10B/T10W/T11	247C	FDR-X1000VR	431
DCR-TRV738/738E/740/740E	180C	DSC-T20/20B/20W/20P	287	GRD 750US	173
DCR-TRV820/820E/820K	153C	DSC-T30/T50/T50B	253C	GV-8/9/9E/100/300/500	109
DCR-TRV828/828E/830/830E	180C	DSC-T33	247C	GV-A100/A500/A500E/A700	153C
DCR-TRV840	180C	DSC-T70/T77/T90	334	GV-D200/D300/D800/D900	153C
DCR-TRV900/900E/935K	153C	DSC-T99/T110	379	GV-D1000	180C*
DCR-TRV940E/950/950E	180C	DSC-T100/100R	287	GV-U5/U5K	109
DCR-TV900/TV900E	153C	DSC-T200/300/500/700/900	334	GVH-D700	153C
DCR-VX700/1000/1000E/2000	153C	DSC-TF1	379	HCR-HC21/H33/H43	246C
DCR-VX2000E/2100/2100E	153C	DSC-TX1	334	HCR-UX5/UX7	308
DCR-VX9000	153C	DSC-TX5/TX7/TX9/TX10/TX20	379	HDC-930	250
DEV-3/5	380-2C	DSC-TX30/TX55/TX66/TX100V	379	HDR-AS10/AS200VR	431
DEV-5	380-4C	DSC-TX200	379	HDR-AX2000	153C
DIGITAL MINI DISC	215	DSC-V1	206C*	HDR-CX6/7/11/12/100/105	308
DKC-1D	153-1.5C*	DSC-V3	253C	HDR-CX106/500V/520V	308
DKC-FP3	153C	DSC-W30/35/40/50/55/60/70/75	287	HDR-CX110/115/116/150/300	380C
DNW-7/7P/9WS/90/90WS	250	DSC-W80/90/100/100B/110/120	287	HDR-CX130/160/B/190	380C
DNW-A25P/WS/WSP	250	DSC-W130/150/170/200/210	287	HDR-CX200/210/260/360	380C
DNW-A28/28P		DSC-W180/190/370	351	HDR-CX305/350V/505/550V	380C
DNW-9WSP/90WSP	250	DSC-W220/230/270/290/300	287	HDR-CX405	431
DSC-750/780	351	DSC-W310/330/350/360/380	379	HDR-CX560/580/760	380C
DSC-A700	NYA	DSC-W390/510/530/560/570	379	HDR-CX360V/560V/700/700V	380C
DSC-CD250/CD400	153-1.5C*	DSC-W620/650/660/690/710	379	HDR-DVD508/650	380C
DSC-D700/D770	153C	DSC-W730	379	HDR-FX1/FX1E/FX7/FX1000	153C
DSC-F1/F2	185	DSC-WX1/WX10	287	HDR-GW77	287
DSC-F55/F55DX/F55K/F55V	173C	DSC-WX5/9/50/80	379	HDR-HC1	180C
DSC-F77	180C	DSC-WX300	431	HDR-HC3/5/7/9/28/38	308
DSC-F77A	206C	DSLR-A33	395	HDR-PJ30/50/60	380C
DSC-F88	253C	DSLR-A100/200/300/350/500/500	180G	HDR-PJ10/10V/130V/150V	380C
DSC-F505/F505K/F505V	173C*	DSLR-A560/580/700/850/900	180G	HDR-PJ200/260/580	380C
DSC-F707/F717/F828	180C*	DSLR-A230/290/330/380/390	308C	HDR-PJ440	431
DSC-FV505	173C*	DSP-P1	173C*	HDR-PJ670/PJ710	380
DSC-FX77	180C	DSR-1/130/130P	114	HDR-S1/SK/SR1/UX1	180C
DSC-G1	253C	DSR-200	153C	HDR-SR5/5C/7/8/9/10/10D/11/12	308
DSC-G3	334	DSR-250/250P	250	HDR-TD10/TD20	380C
DSC-H3/H5/H7/H7B/H9/H9B	287	DSR-300/A/AP/F/K/L/P/PF/PK/F	250	HDR-TG1/TG5V	308
DSC-H10/H20/H20B/H50/H55	287	DSR-370K1/K2/L/P/PK1/PK2	250	HDR-UX3/5/7/9/10/19/20/40	308
DSC-H70/90	287	DSR-390/K1/K2/L/P	250	HDR-XR100/105/106/200V	308
DSC-HX1	308	DSR-400/K/L/P/PK/PL	250	HDR-XR150/155/350V/550V	380C
DSC-HX5V/N1/N2/HX20/HX30	287	DSR-450WS/WSL/WSP/WSPL	250	HDR-XR160/260	380C
DSC-HX10	287	DSR-500WS/WSL/WSP/WSPL	250	HDR-XR500V/520V	308
DSC-HX7V/HX9V	287	DSR-570WS/WSL/WSP/WSPL	250		

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

SONY (CONT'D)		SONY (CONT'D)		SYLVANIA (CONT'D)	
HDW-700A/750/F900	114	NP-500/510/520/530	153C	VCC161	100C
HVL-10DC	173	NP-720/730/930	153C	VCC165	110
HVL-20DW2	153C	NP-BD1	334	VKC210, VKC221	130C
HVL-IRM/ML20M	180C	NP-BG1	287	VKC242	100C
HVR-A1U	180C	NP-BK1	351	VLC218, VLC225	130C
HVR-M10C/10E/10N/10P/10U	153C	NP-BN1	379	VMC226	130C
HVR-V1U/Z1C/Z1U/Z5U/Z7U	153C	NP-BX1	431	VMC260	150
HXR-NX30	380C	NP-F10/F20/F30	173	<b>Battery to Empire Battery #</b>	
KV-5300	114	NP-F100/F200/F300	163	AR8378BK01	100C
MHS-CM5/PM1/PM5	351	NP-F330/F500/F530	153C	AR8395BK01	100C
MICRO MV	209	NP-F550/F550J/F570	153C	SC2154	101C
MPK-DVF4	153C	NP-F730/F730H	153-3.2C	V80039BK01	100C
MPK-M8	103	NP-F750/F750SP/F760/F770	153C	V80076BK01, V80085BK01	110
MVC-5000	109	NP-F930/F950/F960	153C	V80086BK01	100C
MVC-CD200/CD250/CD300	180C*	NP-F970	153-6.6C	V80096BK01	130C
MVC-CD350/CD400/CD500	180C*	NP-FA50	263	V80115BK01, V80016BK01	150
MVC-CD1000/FD5/FD7/FD51	153-1.5C*	NP-FA70	263-1	VE550UE	101C
MVC-FD71/FD73/FD75	153-1.5C*	NP-FC10/FC11	206C	VSBS0016	130C
MVC-FD73K/83K/88K	153C	NP-FD1	334	<b>TAMRON</b>	
MVC-FD81/83/85/87/88/90/91	153-1.5C*	NP-FE1	274	<b>Model to Empire Battery #</b>	
MVC-FD92/95/97	153-1.5C*	NP-FF50/51/51S/70/71	209C	C-8100	109
MVC-FD100/FD200	153-1.5C*	NP-FG1	287	CX-7MU	109
MVC-FDR1/R1E/R3/R3E	153C	NP-FH30/40/50/60/70/90/100	308	<b>Battery to Empire Battery #</b>	
NEX-3/3N/5/5N/5R/6/7	395	NP-FM30/FM50/FM55/FM70	180C	NP-55/55H/60D/77/77H	109
NEX-C3	395	NP-FM90/FM91	180C	<b>TECHNIKA</b>	
NEX-F3	395	NP-FM500H	180G	<b>Model to Empire Battery #</b>	
NEX-5T	395	NP-FP30/FP50/FP70/	246C	C-5000	112C
NEX-VG30/VG900	380C	NP-FP71/FP90	246C	C-5010/6000/6010/7000	100C
NEX-VG10/VG20	380-4C	NP-FQM71/FQM91	180C	C-7500	110
NP-QM51	180C	NP-FS10/FS12/FS22/FS32	173C	CX-700/711	100C
PAK-7	103	NP-FS11/FS21/FS31	173C	CX-751/757	110
PBD-D50/V30	153C	NP-FR1	253C	CX-811	100C
PCR-TRV7	173C	NP-FT1	247C	CX-911	104
PLM-50/100/A35/A55	153C	NP-FV30/50/70/100	380C	CX-921	130C
PMW-EX1	346(NYA)	NP-FW50	395	CX-971S	100C
PVM-8040/8041Q/8044Q/8045Q	292	NP-QM71/QM71D/QM91/QM91	180C	<b>Battery to Empire Battery #</b>	
PVM-9041Q/9044Q	292	NPA-55	103	CB-520	112C
PVV-3/637	114	NPE-BP36	103	CB-620	100C
Q002-HDR1	153C	PVM-9044Q/9041Q	292	CB-752	110
SL-2000/2005	114	<b>SUNPAK</b>		CB-812	100C
SLF-1	114	<b>Model to Empire Battery #</b>		CB-911	104
SLO-340	114	SV8	118	CB-920	130C
SLT-A33/A35/A37/A55	395	SV10, SV11	109	<b>TELEFUNKEN</b>	
SLT-A57/A58/A65/A77/A99	180G	<b>SYLVANIA</b>		<b>Model to Empire Battery #</b>	
TR-670E/V70E	109	VC4511SL01, VC4512SL01	100C	A-858P/885P/895P/890	110
UPX-2000/C21	153C	VC4513SL01, VC4514SL	100C	A-2000P	110
VCL-ES06A	153C	VC4515SL01	100C	VM-4000/4100/4200/4300	110
VO-6800	114	VC4520, VC4525SL01	100C	VR-289	110
WATCHMAN	109	VC4526, VC4527SL01	100C	VR-1890/2890/2891	110
XV-M30/MH30	109	VC4530	100C	VR-2892	110
<b>Battery to Empire Battery #</b>		VC4530BK01	101C	<b>Battery to Empire Battery #</b>	
BP-2X/2EX	NLA (07/12)	VC4540SL01	100C	VZ-925/926/933	110
BP-GL65/GL95/IL75	250	VC4545, VC4546	100C	<b>THOMSON</b>	
BP-L40/40A/60/60A/60S/65H	250	VCC140SL01/ VCC150	112C	<b>Model to Empire Battery #</b>	
BP-L90/90A	250	VCC145	110	CRV-04P/05	110
BP-U30/U60	346(NYA)	VCC151, VCC151AV01	100C	CVM-01P	110
EB-55	109	VCC152	100C	VM-30	110
HL-45/57/59/59W	292	VCC155	110	<b>TOSHIBA</b>	
LIP-8	184	VCC157, VCC159	100C	<b>Model to Empire Battery #</b>	
LIP-10/10B	185			3D-CAM	110
LIP-12/12H	186			151	100C
NP-1/1A/1B/1H/1SB/23	114			AI-33AFK/420P	110
NP-22/22H	103			CAMILEO H10	203
NP-33/55/55H	109			CAMILEO H30	228
NP-66	159-4			CAMILEO X100	228
NP-60D/66/66H/68/77/77H/78	109				
NP-80/80D/88	109				
NP-90/98/98D/99	109				

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TOSHIBA (CONT'D)		YASHICA (CONT'D)	
CAMILEO X200/X400/416	426	FINECAM S3/S3L/S3R/S3X	207
CAMILEO Z100	426	FINECAM S4/S5/S5R	207
DC-5080	269	KD-200K/1100U	103
DC-5300/6300	203	KD-1700	109
DC-8300/8600	315	KD-5010/5050/5820	109
DC-XZ6	315	KD-H130/H150/H170	109
DV-5000/5070	203	KD-M710/M770	109
GIGASHOT V10	322	KD-S820	113
GSC-A40F/A100F/K80H	340	KX-35U	109
GSC-R30/R60	313	KX-70/70E/77	109
HD-10X	203	KX-90/90E/95/95U	109
IK-2200	110	KX-H1	109
PDR-5300	203	KX-V1U	153C
PDR-M3	174	MICRO ELITE 3300	183
PDR-M4/M5/M60/M70	183	SL-300R	245
PDR-T30	203	<b>Battery to Empire Battery #</b>	
PDR-3010/3310	207	BAP-100	103
SK-3D5/3D7	110	BP-150/170	109
SK-40/50P/57/60/70/80	110	BP-780S	245
SK-S80U/S90U	110	BP-800S/880S/900S/1000S	207
V-8030T/9035	114	BP-1100R	183
X-4/5/6/S7	269	BP-1501/1502/1550	109
		BP-V1	153C
<b>Battery to Empire Battery #</b>		<b>ZENITH</b>	
GSC-BT5	313	<b>Model to Empire Battery #</b>	
GSC-BT6, 7	340	HQ-800	110
MEHBT4	322	VM-5000/6000/6100	110
NP-80	183	VM-6150/6175/6180/6190/6200	110
NP-100	174	VM-6300	110
PDR-BT1/BT1A/BT2/BT2A	183	VM-6400	150
PDR-BT3	203	VM-6500	110
PDR-BT9	207	VM-6700C	150
TBP-7U/8U/9U	110	VM-7030/7050	110
TBP-100	114	VM-7060	NLA (02/10)
TBP-120	110	VM-7065	NLA (02/10)
<b>VIVITAR</b>		VM-7070	110
<b>Model to Empire Battery #</b>		VM-7076	NLA (02/10)
MAGIC 8	103	VM-7130/7150/7170	110
MAGIC VHS	104	VM-7500	110
TRAVELER DC8300, DC8600	315	VM-8000	109
VM-8350	103	VM-8300	110
VM-9350	104	VMC-450	150
6330s	324	VMG-100/200	110
7500I	222	VPM-1000	110
8300s, 8330, 8600	315	VR-9500/9800/9850	114
VIVI CAM 4000	203	<b>Battery to Empire Battery #</b>	
X-30	315	NP-22/22H	103
X-60	315	VAC-110	150
<b>Battery to Empire Battery #</b>		VAC-402/403/415/445	110
NP-22/22H	103	VAC-560	150
02491-0028-00	315	VAC-620/645/690	110
02491-0045-01	315	VAC-695	NLA (02/10)
02491-0057-00	324	VAC-790/791	110
<b>WARDS</b>		VAC-795	NLA (02/10)
<b>Model to Empire Battery #</b>		VAC-900	103
10650, 10651, 10652	100C	VAC-901	104
10655	108	VAC-902	118
10687	100C	VAC-903	115
SIGNATURE	108	VAC-904	143
SIGNATURE 2000	130C	VAC-905	100C
UBATN0018GEZZ	108	VAC-906	109
<b>YASHICA</b>		VAC-907	130C
<b>Model to Empire Battery #</b>		VAC-8045/8050	109
DSC-F707	180	VRB-9851	114
DSC-P1	173C*		
DSC-S75/S85	180		
FINECAM 3L	207		

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# EMPIRE®

## Guaranteed to Perform

Empire Scientific is a leading supplier of batteries, chargers, and accessories to retailers, wholesalers, distributors, and manufacturers in the cellular, video, and cordless telephone segments of the consumer electronics industry. We offer the most comprehensive and up to date product mix of inventory found under one roof. We also offer a full line of industrial grade Sealed Lead Acid batteries called Rhino. We offer product under our flagship brand name Empire as well as private label and bulk packaging. We also have short and long run production capabilities for custom assembly work of items that are not currently on our product list. A service that some of the most recognized companies in the world use.

EMPIRE SCIENTIFIC, with manufacturing headquarters in Deer Park, New York, has a proud forty year tradition in the consumer electronics industry.

In its colorful past, Empire was known for producing high quality turntables, cartridges, and high fidelity loudspeakers, recognized by audiophiles for their outstanding performance.

Empire first offered batteries and accessories for camcorders in the early 1980's, and has since expanded to offer quality replacement batteries and accessories for cellular phones, cordless phones and replacement lead acid batteries for uninterruptible power supply (UPS) and security applications along with two-way, medical and laptop batteries.

### **KNOWLEDGEABLE STAFF**

Our courteous and helpful staff is equipped to provide answers to your questions regarding all of the product lines we offer. We at Empire Scientific know the importance of top of the line customer care and will do whatever is necessary to provide that to our customers.

### **NEW PRODUCTS**

Empire Scientific has just added replacement batteries for Streamlight, Maglite, Surefire, Inova and more. Also added, to our Video/Digital product line, are Universal Two-Sided Replacement Video/Digital Chargers, nine brand-specific chargers for Lithium Ion batteries. Our latest products are our patented Piggy-Back battery series for the new Sony, JVC, and Panasonic smart chip camcorders. We offer a complete line of product listings and will continue to keep up with the ever-growing markets.

### **DISTRIBUTION CENTERS**

In addition to the manufacturing and corporate office located in Deer Park, NY, Empire Scientific also has a distribution warehouse in Florida.

### **MISSION STATEMENT**

To provide top of the line customer care along with quality products at competitive pricing. To raise the bar of excellence we must pay attention to detail, if it's not right it's wrong and everything must have a sense of urgency. We believe and follow these guidelines to assure that our customers receive the most accurate information to help them succeed in the battery industry.

**VISIT US ON THE WEB: [www.empirescientific.com](http://www.empirescientific.com) \* EMAIL: [sales@empirescientific.com](mailto:sales@empirescientific.com)**

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**