



CROSS-REFERENCE GUIDE

PORTABLE VCR/CAMCORDER

DIGITAL CAMERA/DIGITAL VIDEO DISC

REPLACEMENT BATTERIES

NOVEMBER 1, 2011



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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)	
Model to Empire Battery #		Model to Empire Battery #			
A-HD-1	203	BH-725	248	EOS-REBEL T3	415
A-HD720P/HD1080P	203	JMJ-20910	150	EOS-REBEL XS / XSI	350
AHD2/2PRO	203	JSJ-20900	146	EOS-REBEL XT/REBEL XTI	204
DAM-Z5X/Z5X2	203	Battery to Empire Battery #		EOS-60D	357
DVPW-V3	203	64324217	150	EOS-400D	204
DZO, DZO-V37	203	HELIX HLX-U02	248	EOS-450D	350
DZO-V38	248	BEN Q		EOS-550D	384
DZO-V58N	203	Model to Empire Battery #		EQ-350	118
DZO-Z33/Z53	203	DC C500	269	ES-10V/20V/40/70	118
GO HD-720P	203	DC E43, DC E53, DC E63	269	ES-50/55/60/65/75	161
HD-1080P	203	Battery to Empire Battery #		ES-80/90/100/170/180/190	118
HDDV 8300	228	NP-900, 02491-0015-00	269	ES-200/200A/270/280/290	118
MINI STB-1	228	BLAUPUNKT		ES-300/400/400V/500	118
POCKET DV 5700	203	Model to Empire Battery #		ES-300V/410V/420V/520/520A	161
POCKET DV AHD100/200/300	203	CR-1500/1800/2000S	100C	ES-550/600/750/800/870/900	118
POCKET DV Z300HD	203	CR-4800/5000/6000	110	ES-970/1000/2000/2500/3000	118
POCKET DV AHDZ500PLUS	203	CR-8000/8010/8080	107	ES-4000/5000/6000/6500	161
POCKET DV AHDZ600	203	PTV-260	100C	ES-6500V/7000/7000V/8000	161
POCKET CAM8900	203	PTV8-77	109	ES-8000V/8100V/8200V	161
POCKET DVDDV-V1	203	Battery to Empire Battery #		ES-8400V/8600/8600V	161
POCKET DV8800LE	203	AX-77/80	109	EX-1	118
POCKET DV8800N	203	CANON		F-1000S	100C
POCKET DV H100	203	Model to Empire Battery #		FR-1	161
POCKET DV T200	203	7084A001/7084A002	252	FS10*/11*/40*/100*/400*	376
POCKET DVZ100LE/200	203	A-1, A-1.MARK II	132	FS-20/21/22/31/200/300	376
POCKET DV Z100PRO	203	A-2/10	118	FV-2/10/20/30/40/50	193
POCKET DV Z200PRO	203	A-5/50/520	194	FV-100/200/300/400	193
POCKET DV Z300HD	203	BG-E4	193	FV500	204
POCKET DV Z300HD-V	203	CR-30A, CV-T60/65/70	100C	FVM1/10	193
TZA	203	D30, D60	193	FVM20/FVM30	204
V5V	203	DC10/20/22/40/50/51/100	279	FVM100/100 KIT/200	204
V5VP	203	DC210/220/230	279	G1, G2, G3, G4, G5, G6	193*
Z5X5P	203	DC310/320/330	204	G10Hi/G15Hi/G20Hi	161
Battery to Empire Battery #		DC410/420	338	G30Hi/G35Hi/G45Hi	161
DZO-V58N	203	DIGITAL	357	G1000/G1500/G2000	161
FNP120	228	DIGITAL 50/40	256	GL1, GL2	161
NP60	203	DIGITAL REBEL XT/Xti	204	H-440/460/480/520	118
ANTON/BAUER		DM-MV30/100X/100Xi	193	H-640/660/680/800/850	118
DIONIC 90/160	292	DM-MV400/430/450	193	H18 A1	132
AIWA		E-06/07/08/09/20/30/40/50/51	118	HG-10	204
Model to Empire Battery #		E-53/5760/61/63/65/66/67	118	HR-10	279
CV-50/60/80, VF-80	103	E-70/77/80/90/210/230/250	118	HV-10	280
Battery to Empire Battery #		E-350/440/460/520	118	HV-20/30	204
NP-22	103	E-640/660/700/708/800/808	118	IXUS-85IS	348
AKAI		ELURA	169	IXUSi, IXUS II	233
Model to Empire Battery #		ELURA 2, 2MC, 10, 20MC	199	IXUS-30/40	256
PVC-4/8/8S/100E	110	ELURA 40MC,50,60,65,70	204	IXUS-200a/300a/320	198
Battery to Empire Battery #		ELURA 80, 85, 90	204	IXUS-300/330	194
BPN100/800	110	ELURA 100	279	IXUS-400/430/500	198
BAUER-BOSCH		EOS-1D/1D Mark II/Mark II N	252	IXUS-700/750	233
Model to Empire Battery #		EOS-1D/1D Mark II	252	IXUS-1100HS	398
VCC-306/506	104	EOS-1D/1D MARK III	347	IXUS i ZOOM/IXUS Wireless	256
VCC-326	107	EOS-1D MARK IV	347	IXUS i5, IXUS IIs	233
VCC-400	112C	EOS-1V/1V HS/3	369	IXUS-v/2/v3/VII	198
VCC-516/526/550	100C	EOS-5D/10/10D/10Da/10Ds	193	IXY-DV3/DVM3/DV5	204
VCC-606AF/610/616AF	110	EOS-5D MARK II/ 7D	357	IXY-DVM	193
VCC-651	150	EOS-20D/20DA/30D/300D	193	IXY-DVM5	280
VCC-656/660AF	110	EOS-40D/50D	193	J10/J100	118
VCC-806/816AH/826	107	EOS-350D/Kiss Digital N	204	L1, L2	132
VRP-30	100C	EOS-D30/D60	193*	LX-100	132
Battery to Empire Battery #		EOS-1100D	415	MV3/3MC/3i/3iMC/4/4iMC	199
BA20	101C	EOS-D2000/D6000	358	MV5/MV5i/MV5iMC/MV6iMC	204
BA32-1	100C	EOS-Digital Rebel/Kiss Digital	193	MV20/MV20i/MV100	169
BA400	112C	EOS-KISS X50	415	MV200/MV200i	161
BA600/601	110	EOS-REBEL/10D	193*	MV-30/MV30i/300/400/400i/430	193
BA800	107	EOS-REBEL T1I	350	MV-430i/430iMC/450/450i	193
		EOS-REBEL T2i/T3i	384	MV-500/500i/530/530i/550/550i	193
				MV-600/600i/630i/650i	193

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FUJI (CONT'D)		G.E. (CONT'D)		GRUNDIG (CONT'D)	
MX-500/600/600Z/700	174	CG-895	130C	Battery to Empire Battery #	
MX-1700/1700Z/2700/2900	183	CG-911/9805/9806/9807	100C	BP-60	110
MX-2900Z/4900/4900/6800/6900	183	CG-9808/9809/9810	100C	BP-70	109
P-40U	109	CG-9906/9907/9908/9910/9911	130C	BP-80	110
P-90/100/300AF/600AF	103	CG-9915/9920	100C	BP-82	109
P-650/660/850	109	E840	326	BP-122	100C
S-6500fd	301	E850, E1030, E1040, E1240	325	BP-150/151	104
X10	329	E1035/1050/1235/1250TW	325	HEWLETT PACKARD	
Z-30/30WP/200FD	331	E1055W/E1255W/E1276W	272	Model to Empire Battery #	
Z-600AF	103	E1480W/E1486TW/E1680W	272	BMW-F1	203
Battery to Empire Battery #		G1/G1SL/G2	326	C8872	208
NH-10	234	G3WP/G5WP	272	HP-R725/R727/R927	203
NH-20	249	H855/H1055	325	PHOTO SMART C912	208
NP-30	255	J1050/J1250/J1455	272	R607/707v/717/725/827/847	203
NP-40, NP-40N	222	Battery to Empire Battery #		R937/967	203
NP-45/45A	331	1CVA115	101C	R742	222
NP-50	329	1CVA125	100C	Battery to Empire Battery #	
NP-55	109	1CVA135	112C	A920	208
NP-60	203	1CVA145	110	A1812A, L1812A	203
NP-70	301	1CVA150	110	LI-40	222
NP-77H	109	1CVA155	100C	R07, R607, R707V, R717	203
NP-80	183	1CVA156	130C	HITACHI	
NP-95	299	1CVA157C/158C	150	Model to Empire Battery #	
NP-100	174	1CVA190	146	DZ-BD10HA/BD70A/HA	230
NP-120	228	AV-608	109	DZ-BD7HA	230
NP-140	342	AV-8MM	109	DZ-BX35A/GX20MA	230
NP-150	317	DS-5370	272	DZ-GX3100A/3200A/3300A	230
VM-BPL30A	166	GB-10	272	DZ-GX5020/GX5080A	230
VMBPL60A	166	GB-20	326	DZ-HS300A/HS500A	230
GATEWAY		GB-40	325	DZ-M580/M730/M780	230
Model to Empire Battery #		GB-90	152	DZ-MV100A/MV200/MV200A	172
DC-T50	203	SV-LB5	152	DZ-MV230/MV230A/MV270A	172
Battery to Empire Battery #		GOLDSTAR		DZ-MV270A	172
024-91001-10	203	Model to Empire Battery #		DZ-MV350A/380A/550A/730A	230
G.E.		GS-8AF	103	HDC-831E/831ER	315
Model to Empire Battery #		GS-E2	109	THIN-MAN	145
1CVD4020/4021	101	GS-HE1	109	TWIST/SHOOT	145
1CVD5021/5021X/5023	100C	GS-LT1	NLA (02/10)	VLH-100L	166
1CVD5025B/5025X	100C	GS-V1M	104	VM-H945LA/955LA	166
1CVD5027/5028B/5040	100C	GS-V21M	NLA (02/10)	VM30	106
1CVM6060E	112C	GVC-A425/C425/D425	NLA (02/10)	VM100/200A/500E/600E	104
1CVM8080	100C	GVC-D475/E475/F475	NLA (02/10)	VM-645LA	166
1CVP4020X/4022/4022X	101	GVC-F477	NLA (02/10)	VM825LA	143*
1CVP4024/4024X	101	LC-E76M (REAR)	109	VM-835LA/945LA	166
1CVP5021/5022B/5022X	100C	VM-BP3M	NLA (02/10)	VM1200/1280E	104
1CVP5024/5026X/5027	100C	Battery to Empire Battery #		VM1300/1350	142S
1CVP5028B/5030	100C	243-696T	NLA (02/10)	VM1350A	142S
1CVP6022/6024/6026/6028	100C	243-949A	NLA (02/10)	VM1400A/1600A	142S
1CVP6030	100C	534-014EE	NLA (02/10)	VM1700A/1800A/1900A	142S
5036, 5200	100C	GS-E2	109	VM2000A/2100A	104
5424, 5426, 5428, 5430	100C	VM-BP2M	104	VM2140	142S
5440, 5442, 5740, 5747	100C	VM-BP4M/6M	NLA (02/10)	VM2250A/2270A	NLA (02/10)
9-9605/9606	100C	GRAETZ		VM2300	142S
9-9607/9608/9609/9610	100C	Model to Empire Battery #		VM2300A	142S
9-9705/9709/9710/9711	110	SK-60	109	VM2300E	142S
9-9712/9715/9719	110	TMC-93, TMC-4877	110	VM2380	NLA (02/10)
9-9805/9806/9807/9808	100C	TMC-4888	109	VM2400A	142S
9-9810/9815	100C	Battery to Empire Battery #		VM2400E	143
CG-400	109	GRUNDIG		VM2410CL/2500A	142S
CG-501/504/505/506/515	150	Model to Empire Battery #		VM2580A/2580E	142S
CG-650/670/671/680/681	130C	VS-150AF	104	VM2600A/2700A	142S
CG-683/703	152	VS-160/170/180	100C	VM2800A/2900A	142S
CG-684/686	130C	VS-8000/8100/8320/8500/8800	109	VM3000A	104
CG-690/691/695/696/697/698	150	VS-C05/20/30/40/45/50	110	VM3100A/3150/3150A	104
CG-700/701	100C	VS-C55	109	VM3200E	110
CG-706/708/732/733/735	142S	VS-C60/70/80/85	110	VM3200/3250A/3260/3270A	NLA (02/10)
CG-800/805	150	VS-C75	109	VM3260A/3280E	110
CG-812/814/818	109	VS4-8	109	VM3300A/3350/3350A	142S

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HITACHI (CONT'D)		HITACHI (CONT'D)		JC PENNEY (CONT'D)	
VM3700/3700A/3800A	142S	VMH945LA/955LA/965LA/975L	166	866-8363	152
VM4400A/4400E	142S	VMS7200A/7200E/7280E	NLA (02/10)	855-8421	115
VM5000A/5100A	104	VMS8100A	104	855-8520/8959	130C
VM5200	NLA (02/10)	VMS8200A	142S	855-8967	100C
VM5300A/5350A	142S	VMSP1A	143	855-8975	104
VM5400A/5400C/5400U	142S	VTCL50EM	NLA (02/10)	855-9163	100C
VM5720A	NLA (02/10)	Battery to Empire Battery #		890-1886/1902/2454	130C
VM6000A/6100A	104	DZ-BP7S/BP14S/BP21S	230	890-1894	150
VM6300A/6500A	142S	DZ-BP16/BP28	172	890-2447	NLA (02/10)
VM7000A/7200A	104	VMBP6M	142S	890-2561	142S
VM7300/7300A/7400A/7400LA	142S	VMBP21/22	104	890-2579	150
VM7500A/7500LA	142S	VMBP51/52	106	932-0300	109
VM8200A/8300A	142S	VMBP61A/63/63A	NLA (02/10)	932-0318	118
VM8400LA/8500LA	142S	VMBP64/64AS	142S	932-0334	113
VMBP82G	143	VMBP65/66/67/67A	142S	932-1829	109
VMBP84	143	VMBP71	NLA (02/10)	932-2017/2488	143
VMBP826	143*	VMBP81	145	932-2744	109
VMC1A/1E/1R/1S	145	VMBP82/82A/83/84/84A	143	932-2819	118
VMC2A	145	VMBP502	166	932-8378	113
VMC11A/VMC30A	106	VM-BPL13/13A/13J	166	Battery to Empire Battery #	
VMC34	NLA (02/10)	VM-BPL27/27A/30/30A/60A	166	686-6023	130C
VMC40E	106	VME38A/39A/58A	143	686-6063	152
VMC50A/52/60	106	VMNP720	153	688-2922	100C
VM-D865/D865LA	166	IDX		688-2925	101C
VM-D873LA/D875LA	166	Model to Empire Battery #		688-2942	112C
VM-D965/D965LA/D975LA	166	DXC-3A/3000/M22	114	688-2948/2949	110
VME10A/10E	143	KV-5300	114	855-3026	130C
VME15A/15E	143	SL-2000	114	855-8371	115
VME22A/22E/23A/23E	143	ENDURA E-10/80/50	250	855-8611	130C
VME25A/25E/44/52A/53A	143	ENDURA E10S/80S	250	890-2595	142S
VME54/54A/55A/56A/58A	143	Battery to Empire Battery #		934-0332	143
VME71A/81A/110A	143	NP-25N/L50/L50S	114	934-0340	118
VME110/130A	143*	IKEGAMI		934-0357	109
VME220A/220A/230A	143*	HC-400	250	NB-E60A	109
VME310	143*	HL-45/57/59/59W	250	SV-LB5	152
VME310A	143	HTM-1003	292	VMBP-61	NLA (02/10)
VME340A/340LA/350A	166	MR20SR	292	JVC	
VME368E/368LE	166	TM10/TM20SR/TM9-1	292	Model to Empire Battery #	
VME410	143*	INSIGNIA		CU-VH1US	192
VME420	143	Model to Empire Battery #		DDNP-100	174
VME455LA/465LA	166	NS-DCC5HB09	203	DR-X5	270
VME510A	143	NS-DSC10SL	331	DY-70U/90WU	292
VME510/520A/521A	143*	NS-DV720P/DV1080P	203	EVERIO GZ-MG20US/21/27	270
VME530A/535LA	166	NS-DV111080F	228	EVERIO GZ-MG30US/35US/37	270
VME540A/540LA/545LA	166	Battery to Empire Battery #		EVERIO GZ-MG40US/50US	270
VME555LA	166	ITT		EVERIO GZ-MG70US/77/500	270
VME565/565LA	166	Model to Empire Battery #		GC-S5/S5E	174
VME620A/625LA	143	VMC-3639A/3865	110	GF-450/500U/700U	110
VME635A/635LA/645LA	166	VMC-3875/3877	110	GF-S550U	110
VME710A	143	VMC-3875/3877	110	GR-15U/25U/30U/35U	110
VME755LA	166	VMC-3877AF/3888	110	GR-40/40U/45	110
VME835LA/855LA	166	VMC-6000	110	GR-60E	150
VMH10/18A	143	JC PENNEY		GR-60U/65EG/65U/70U	110
VMH35LA	166	Model to Empire Battery #		GR-303/303EG/303U/305U/505	110
VMH38A/39A	143*	686-5019/5042	101C	GR-277U/323U	150
VMH57A/59A	143	686-5110/5111/5115/5116	100C	GR-400/450/5550U/5505	110
VMH71A/81A	143*	686-5330	112C	GR-A1E/1U/30/30E/30S/30U	110
VMH100LA	153	686-5335/5350	100C	GR-A60S/60U	110
VMH620A	143*	686-5600	110	GR-AK5BKU/5GYU	150
VMH625	143	686-6009	104	GR-AW1/1U/10	150
VMH635A/640A/645LA	166	686-6015/6062	130C	GR-AX2/2U/5/5EG/5U/7EG/7U	150
VMH650/650A/665LA/675LA	166	686-6016	100C	GR-AX10/10EG/10U	150
VMH710A/720A/725LA	143*	686-6093	152	GR-AX17/17U/25U/26/26U	150
VMH725U	143	676-6204	109	GR-AX30/30U/33/33U	150
VMH755LA/765LA	166	686-6228	NLA (02/10)	GR-AX34/34U/35/35U/37/37U	150
VMH825LA	143*	686-6232	130C	GR-AX46/46U/47U/48U	150
VMH835LA/845LA/855LA	166	855-2879	152	GR-AX50/50U/55/55U/65U	150
VMH865LA/875LA	166	855-8314	115	GR-AX70U/74/74U/75U	150

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JVC (CONT'D)		JVC (CONT'D)		JVC (CONT'D)	
GR-AX76/77/77U	150	GR-DV1/1U/1W/2/7OE/14	160	GR-HD3/5/6/10/40/300/320	309
GR-AX81U/84/84U/90U/91	150	GR-DV3/3U	170*	GR-HF705U/805U	150
GR-AX94/94U/96/96U/97/97U	150	GR-DV500/500US/800/800US	192	GR-HM1SUS/HM200/HM400	309
GR-AX200U/201U/202/202U	150	GR-DV510U	150	GR-M3/M3U/M5/M5U	150
GR-AX210/210U/220/220U	150	GR-DV1800/2000/2000US	192	GR-M7/7PRO/7U/M44	150
GR-AX230U/250	150	GR-DV3000U/4000/4000US	192	GR-S3V/S7/S7U/S27/29	150
GR-AX300U/301/310U/323U	150	GR-DVA1/1U	150	GR-S35/55/55U/70EG/70U	110
GR-AX350U	150*	GR-DVAXU	168	GR-S75/75U/77E/77	110
GR-AX400U/401/401U/404U	150	GR-DVF3A/10/10U/20/20U	150	GR-S99/99EG/99EU	110
GR-AX410U/420U/430U	150	GR-DVF11/11U/21/21U	182	GR-S500U/505EG/505U/550U	110
GR-AX500U/501/510U	150	GR-DVF31/DVF31U	182	GR-S707/E/EG/EU/U	110
GR-AX606U/610/610U	150	GR-DVJ70/70E	160	GR-SK20/SV3/SV7U	150
GR-AX640U/650/655/655U	150	GR-DVL20/25U/30/45U	182	GR-SX9U/SX90/20/21/22	150
GR-AX657U/660U/700U/704U	150	GR-DVL100U/DVL105U	192	GR-SX26/41/51/52/56	150
GR-AX710U/717UM/720/720U	150	GR-DVL107U/DVL108U	192	GR-SX202/210/750U/760U	150
GR-AX730U/750U/754U/760U	150	GR-DVL109U/120/150/150U	192	GR-SX850U/851U/860/860U	150
GR-AX761/761U/767U/777	150	GR-DVL157/200/210/210U	192	GR-SX867U/877/950U/960U	150
GR-AX800U/808U/810/810U	150	GR-DVL200/220U/257/257U	192	GR-SXM25/26/27/37/37US	150
GR-AX820U/820US/830US	150	GR-DVL300U/305/305U	192	GR-SXM46/47/50/55/57	150
GR-AX840U/841U/844U/857U	150	GR-DVL307/307U/308/309U	192	GR-SXM61/62/71/72/75/76/77	150
GR-AX880US/890U/890US	150	GR-DVL310/310U/315/315U	192	GR-SXM81/82/86/91/92	150
GR-AX900U/910/910U/911U	150	GR-DVL317/317U/320/320U	192	GR-SXM230U/235/235U	150
GR-AX920/920U/930U	150	GR-DVL355/355U/357	192	GR-SXM240U/247/250/250U	150
GR-AX940U/941U/957U	150	GR-DVL357U/400U/410/450	192	GR-SXM260/SXM260US	150
GR-AX970/970U/1010U	150	GR-DVL500U/505U/507U/510	192	GR-SXM265/265U/307	150
GR-AXH1	150	GR-DVL510U/515/517/517U	192	GR-SXM320U/321U/330U/335	150
GR-AXM1U/2/2U/4/4U	150	GR-DVL520522/522U	192	GR-SXM335/335U/337U	150
GR-AXM10U/17U/17US	150	GR-DVL555/557/557U/600	192	GR-SXM340/340U/347/460	150
GR-AXM20/20U/25U/27U	150	GR-DVL715/720/725/725U	192	GR-SXM470/515U/520U/525U	150
GR-AXM30U/40/40U/50U	150	GR-DVL800U/805U/815/815U	192	GR-SXM527U/535/535U/536	150
GR-AXM70U/80U/100U	150	GR-DVL817/820/820U	192	GR-SXM540U/607/720U/730U	150
GR-AXM151/151U/210U/205	150	GR-DVL822/822U/910/915	192	GR-SXM735/735U/737U	150
GR-AXM217U/220U/225U/226	150	GR-DVL915U/920/920U	192	GR-SXM740/470U/745/745U	150
GR-AXM230U/231/237U/241	150	GR-DVL9000/9000U	162*	GR-SXM747/750/750U/755	150
GR-AXM241U/270/300U/310U	150	GR-DVL9200U/9300/9300U/950	170	GR-SXM755US/760/770/850U	150
GR-AXM317U/330U/341/341U	150	GR-DVL9600/9600U/9700/9800	170	GR-SXM851U/915U/920U	150
GR-AXM405/510/510U	150	GR-DVM1	162	GR-SXM930U/937U/947/950U	150
GR-AXM511/511U	150	GR-DVM5/5U	170*	GR-SZ1/SZ7/SZ7U/SZ9/SZ9U	150
GR-AXM650/650U670	150	GR-DVM50U/55U/70U/75U	175	GR-VBM1	162
GR-AXM700/700U/710U	150	GR-DVM76U/DVM96U	220	GR-X5	270
GR-AXM717U/750U/800	150	GR-DVM80U/90U	175	GR-XM720U	150
GR-AXM840U/841U/900U	150	GR-DVP1/3/3U/5/7U/9U/9US	202	GS-1000	100C
GR-AXM910U/917U/920U	150	GR-DVP7/DVP9	192	GS-TD1/TD1B	309
GR-AXM970U/1000U	150	GR-DVX	168	GS-TD1	309-1.5
GR-AXTEG	150	GR-DVX4	175	GS-TD1	309-2.3
GR-C1U/2U/7/7U/9/11/11S/25	110	GR-DVX6K	200	GV-HT1U	170
GR-C7S	150	GR-DVX7/DVX8/DVX9/DVX10	175	GY-DV300/DV300U	192
GR-C25U/30/30U/35U/40/40U	110	GR-DVX40/44/48/49	175	GY-DV500U	114
GR-C55/55U/70U/75/250/707	110	GR-DVX70/DVX77/DVX78	175	GY-DV550/5000/5000E/5000U	292
GR-D22US/27/30/30US/31	192	GR-DVX80/DVX88/DVX90	175	GY-HD100U	192
GR-D31US/32US/33/33US	192	GR-DVX307U	202	GY-HM100U	309
GR-D70/70US/71US/72/72US	192	GR-DVX400/DVX407/DVX408	220	GZ-AXM18	150
GR-D73US/74US/90/90US/91	192	GR-DVX507/50/707/709	220	GZ-HD3/5/6/7/10/30/40	309
GR-D91US/93/93US/94US	192	GR-DVXPROU/DVXU	168	GZ-HD7US/HD300/320	309
GR-D200/200US/230US	192	GR-DX75/77/95/97/300	202	GZ-HM1SUS	309
GR-D240/250/250US/270	270	GR-DX307U	192	GZ-HM200/HM400	309
GR-D270US/271/271US/275	270	GR-DZ7/DZ7U/7US	192	GZ-MC100/100E/100EK/100US	265
GR-D275US/290/290US/295US	270	GR-EX1/EZ1/HF805/LT7	150	GZ-MC200/200E/200US	265
GR-D295/350/370/395/396/650	270	GR-FX10/11/12/16/23/30/33	150	GZ-MC500/500US	265
GR-D347U	202	GR-FX36/40/43/50/53/60	150	GZ-MG20/21/27/37/57/77/505	270
GR-D720/728/740/740AC/746	309	GR-FX101/102/120/220/305	150	GZ-MG130/131/132/133/134/135	309
GR-D750/750AC/760/770/771	309	GR-FX401/405/505/601	150	GZ-MG148/150/155/157/175/177	309
GR-DV775/790/796/850/870	309	GR-FXM15/16/17/25/35/37	150	GZ-MG230/255/275/330/335/340	309
GR-D875/DA30US	309	GR-FXM40/45/55/65/66/75	150	GZ-MG360/365/430/435/465	309
GR-DF420/430/430US/450	270	GR-FXM105/FXM106	150	GZ-MG530/555/575/630/645	309
GR-DF450US/470/470US/540	270	GR-FXM161/170/270/333/373	150	GZ-MG650/670/680/730/740	309
GR-DF550/550US/565/570	270	GR-FXM404/405/555/605	150	GZ-MS90/100/120/130	309
GR-DF570US	270	GR-HD1/HD1US	192	GZ-X900/X900EX/X900US	394

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

JVC (CONT'D)		KODAK (CONT'D)		KYOCERA	
HRP-1U	110	M530/550/575/580/873/883	327	Model to Empire Battery #	
JY-HD10/HD10U/HD10US	192	M522/532/552	327	DSC-F707	180
LY34416-001B	265	M590	261	DSC-P1	173C*
SCF007U	110	M853/863/1063/1073IS/893IS	286	DSC-S75/S85	180
TM-1000SU/5SOU/600PN/L4SO	292	M1033/1093IS	330	FINECAM 3L, S3, S3L, S3R	207
TM550U	114	P712/850/880	236	FINECAM S3X, S4, S5, S5R	207
VU-V615KITU	170	PLAYSPORT / PLAYTOUCH	330	i4R, i4R-BK, i14R	264
WEATHERCAM	150	PRO 14,14N, SLRc, SLRn	258	KD-200K/1000/1100U	103
Battery to Empire Battery #		SLICE	261	KD-530/1700	109
BN-G1U	150	V530, V603	285	KD700/2010U/3010U/3030U	113
BN-V5GU/6U/6GU/7U/7GU	110	V550, V570, V610, V705	286	KD-5010/5050/5820	109
BN-V10U/11U/12U/14U/18U	150	V803, V1003	310	KD-H130/H150/H170	109
BN-V20U/V22U/V25U	150	V1073, V1233, V1253, V1273	330	KD-M710/M730/M770/S530	109
BN-V50U/V60U/V66RU	150	Z650/700/710/740/885	213	KD-S820	113
BN-V74GU/V75U/V77RU	110	Z1275/1285	213	KD-S5530/S5550	109
BN-V101/V101E/V101U	174	Z612/712IS/812/1012IS	300	KX-1/70/70E/77/77CV/77U	109
BN-V107/V107U/114U	202	Z730/760/7590	236	KX-90/90E/H1/H1U	109
BN-V111U/V112U/140U	150	Z1015IS/1085IS/1485IS/8612IS	300	KX-V10	153C
BN-V114	202-1.5	Z950	310	MD-MS200	191
BN-V200U/V400U/400B	150	Z8612IS	300	SAMURAI 2100DG	191
BN-V207U/V214U	182	ZD710	213	SL-300R/300RT/400R	245
BN-V306U/V312U	220	Zi8	330	U4R, U4RB, U4RBK	276
BN-V408/V408U	192	ZX1	300	Battery to Empire Battery #	
BN-V416U/V428U/438U	192	Battery to Empire Battery #		BAP-100	103
BN-V507U/V514U	175	4E01111	358	BP-150/170	109
BN-V607UV/615UV/628U	170	4E2843, 4E6420, 1236199	258	BP-760S	264
BN-V712/712U/V714/714U	160	1064062	236	BP-780S	245
BN-V812U/V814U	162	1148683	213	BP-800S/880S/900S/1000S	207
BN-V907U	168	8499741	203	BP-1100R	183
BN-V970U	160	KAA2HR	213	BP-1100S	276
BN-VF707/707U/714/714U	270	KLIC-3000	183	BP-1501/1502/1550	109
BN-VF733/733U	270	KLIC-5000	203	BP-1600R	191
BN-VF808U/VF815U/VF823U	309	KLIC-5001	236	BP-F550	153-1.5
BN-VF915U/VF923U	309	KLIC-7000	261	BP-F750	153-3
BN-VF808/815/823/915/923	309	KLIC-7001	286	LEICA	
BN-VF908/VF908U/VF908US	394	KLIC-7002	285	Model to Empire Battery #	
BN-VM200/200U/200US	265	KLIC-7003	310	C-LUX2/LUX3	319
NB-P5U/P6U/7/P7U	110	KLIC-7004	330	D-LUX	226
NBP-8/9	110	KLIC-7005	321	D-LUX3/LUX4	301
KODAK		KLIC-7006	327	DIGILUX 1, 2	218
Model to Empire Battery #		KLIC-8000	300	DIGILUX ZOOM	183
4800	183	PRO-14N	359	M7/8/8.2/9/9-P/MP	312
C300/310/315/330/340/360	213	KONICA		V-LUX1	283
C433/503/513/530/533/603/613	213	Model to Empire Battery #		V-LUX20/VLUX30	368
C643/653/663/703/743	213	DG-5W	201	X1	399
C763	321	DG-X50K/X50R/X50S	259	Battery to Empire Battery #	
C633/713/813/875/913/1013	213	DIMAGE A1, A2	238	14464	312
CD33/40/43/93/913/CW3300	213	DIMAGE A200	201	BP-DC1	218
CD-CW330	213	DIMAGE E40, E50	269	BP-DC2	226
CX4200/4210/4230/4300	213	DIMAGE G400/500/530/600	243	BP-DC4	301
CX4310/6200/6230/6330/6445	213	DIMAGE Xt	217	BP-DC5	283
CX7220/7300/7310/7330	213	DIMAGE X1	281	BP-DC6U	319
CX7430/7525/7530	213	DIMAGE X50/X60	259	BP-DC7-E	368
DCS-PRO SLR/C	359	KD-300Z	207	BP-DC7-U	368
DCS-PRO SLR/N /-14N	359	KD-310/310Z/400Z/410Z	223	BP-DC8	399
DSC-520/560/620/620X/660	358	KD-500Z/510Z	223	BP-DP20	312
DSC-660X/720/720X/760/760M	358	REVIO	243	NP80	183
DSC PRO	258	Battery to Empire Battery #		NP-100	174
DX3215/3500/3600/3700/3900	213	BR-LB1, DLKS-3	207	LOEW OPTA	
DX4330/4530/4900/6340/6440	213	DR-LB1	207	Model to Empire Battery #	
DX6490/7440/7590/7630	236	DR-LB4	223	CC90	104
EASYSHARE MINI/TOUCH	327	NP-1	281	PROF1800/1810/1820	113
EASYSHARE-ONE	203	NP-400	238	MAGNAVOX	
LS-420/443/633/743/753	203	NP-500/600	243	Model to Empire Battery #	
LS755	261	NP-700	259	8290	112C
M23/M583	327	NP-800	201	8292, 8293, 8380	100C
M320/340/341/380/753/763	286	NP-900	269	8400, 8450, 8451, 8474, 8900	101C
M380/381/420	310	02491-0015-00	269		

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

MAGNAVOX (CONT'D)		MEMOREX (CONT'D)		MINOLTA (CONT'D)	
CK300	101C	SM4200/4300/4400	130C	BP-M3001	110
CV5320AV	100C	SM8400	150	NP-1	281
CVJ310/312/320/322/340/350	100C	Battery to Empire Battery #		NP-200	217
CBK300/K310/K315/K320	130C	BP-30RS	130C	NP-400	238
CVJ360	130C	BT-30RS	146	NP-500/600	243
CVK321/332/342/352	100C	BT-70	109	NP-700	259
CVK300/610	130C	CS6012	109	NP-800	201
CVL300/301/310/318/319/320	130C	OB-15	150	NP-900	269
CVL325	100C	T16-BP64	142S	VBC-166	142S
CVL335/345/610/611/612/620	150	VM-BP21M	104	VBP-100/101	NLA (02/10)
CVL810, CVM310/315	130C	VSBW0003	150	VBP-160/161/165/166	142S
CVM320/325/610/620/630	150	METZ		VBP-400/401/410	143
CVM710/720, CVN310AV	130C	Model to Empire Battery #		VBP-500/501	110
CVN610/620/630/630AV	150	9622, 9624, 9625	110	VBP-600/601/630	150
CVN715	151	9628, 9629	107	VBP-912	143
CVR315AV	NLA (02/10)	9637, 9702	150	02491-0015-00	269
CVR325AV/330AV/335AV	130C	MGA		MINOX	
CVR630	150	Model to Empire Battery #		Model to Empire Battery #	
CVS315AV/325AV	NLA (02/10)	HSC20	110	DC1022 / DC8111	315
CVS620	150	MINOLTA		DC52222	269
CVT325/330/340AV	NLA (02/10)	Model to Empire Battery #		DMP3 / DMP 4	269
CVT620/630/640	150	8-80/81	113	MITSUBISHI	
VR8207GY01	112C	8-308/308E/378/406/406E	143	Model to Empire Battery #	
VR8208AV01/8245BK01	100C	8-418/428/438/761/761C	143	CVK-G99	110
VR8285, VR8285AV01	110	8-762CS/778/838/842/848	143	HS-C1XE	150
VR8290GY01	112C	8-808/808E/812/832	113	HS-C4U/C7U/CX1/CX4	150
VR8292/8293/8294/8294AF	100C	8-852/862/863S/864S	143*	HS-C20U, HS-C30U	110
VR8295/8357/9297	110	8-878/912/918	143	HS-C45/50	110
VR8356	101C	8-8000/8100/8200	143	HS-VX4E	150
VR8380/8382/8400/8450/8451	100C	a Sweet Digital/ a-7 Digital	238	HS-F10UR	104
VR8453/8454/8455/8456/8457	100C	C-1E	128	Battery to Empire Battery #	
VR8462/8470	101C	C-50/51	110	BY-B99/C101/C102	110
VR8471/8472/8474/8475/8480	100C	C-503/512/513/516/518/522	150	BY-F101/F102	104
VR8481	101C	C-532/538/542/550/552/560	150	BY-U1/U2	150
VR8484/8485/8486/8570/8572	100C	C-560C/561/562CL/563CLS	150	MUSTEK	
VR8585/8590/8592/9143	100C	C-570/606/606E/618	150	Model to Empire Battery #	
VR9240AV/9244/9246	100C	CR-80AF/81AF	NLA (02/10)	DV-2032/3032/3500	NMH-2/AA
VR9254/9256AV/9260	110	CR-800S/880	113	DV-4000	248
VR9297/9656	110	CR-1000A	110	DV-5000	NMH-2/AA
Battery to Empire Battery #		CR-1000S/1100S/1200S	104	Battery to Empire Battery #	
AR8378BK01	100C	CR-8000AF/8000S	113	DV3M	248
AR8395BK01	101C	CR-8100/8100AF/8200	113	NEC	
V80039BK01/V80086BK01	100C	DG-5W	201	Model to Empire Battery #	
V80063BK01	112C	DG-X50K/X50R/X50S	259	CV-10U	112C
V80076BK01/80085BK01	110	DIMAGE A1, A2	238	CV-30U/40U	100C
V80096BK01	130C	DIMAGE A200	201	CVB-70U	110
V80115BK01/80116BK01	150	DIMAGE E40, E50	269	EM-ABU	103
V80139BK01	151	DIMAGE G400/500/530/600	243	NCVK400	110
V80146BK01/80149BK01	NLA (02/10)	DIMAGE X, Xg, Xi, Xt, Xt BIZ	217	V-20U/40U	100C
VE550UE	101C	DIMAGE X1	281	V-50U (REAR)	112C
VSBS0011	100C	DIMAGE X50	259	V-300/400	100C
VSBS0016	130C	DYNAX 5D/7D	238	VM10U	112C
MARANTZ		KR-1000	104	VM40U	100C
Model to Empire Battery #		Maxxum 5D/7D	238	VMA80	103
CV-B800	100C	MS-2100	104	Battery to Empire Battery #	
MEMOREX		REVIO	243	BC-10	112C
Model to Empire Battery #		V-10/10R/11/11R	NLA (02/10)	VB-10U	112C
16-827/828	146	V-16/16R/18/18R/20/20R	142S	VB-30U/50U	100C
16-858/859	109	V-118/218/228	142S	NIKON	
CRD-0050	150	V-700	101C	Model to Empire Battery #	
MODEL 103	142S	V-1400/2000/2100	104	ACTION PRO	107
MODEL 127, 128	146	Battery to Empire Battery #		COOLPIX AW100	354
MODEL 153, 154, 158	109	B-8002	113	COOLPIX 775/880/885/995	201
MODEL 155	150	BP-800	113	COOLPIX 2500/3500	210
MODEL 157	143	BP-1001/1002	104	COOLPIX 3700/4200	239
MODEL 16837	130C	BP-3001	110	COOLPIX 4300/4500/4800/5000	201
SM1000	104	BP-3301	128	COOLPIX 5200/5900/7900	239
SM2000	106	BP-8001/8002	113	COOLPIX 5400/5700/8700	201

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NIKON (CONT'D)		NORCENT		OLYMPUS (CONT'D)	
COOLPIX 8400	NYA	Model to Empire Battery #		VC-104/105/106	100C
COOLPIX 8800	NYA	DC420/S760/S860/S1050	269	VG-110/120/140	389
COOLPIX P1/P2	275			VR-310/320	272
COOLPIX P3/4/50/80/90/100/500	239			VX-43/54/81/82/82E	109
COOLPIX P300	354			VX-401/402 (REAR)	112C
COOLPIX P5100/6000	239	NORMANDE		VX-403	110
COOLPIX S1/2/3/5/6/7C/9	275	Model to Empire Battery #		VX-402/404/405/S405/406	100C
COOLPIX S10	239	CV100/155/301/1100	110	VX-407	130C
COOLPIX S50/50C/51/51C/52	275	CV2001/2101/2201	110	VX-801/802/802E/803/804	107
COOLPIX S60/S70/S80/S200	320	RP300, SV500	110	VX-806	109
COOLPIX S100	413	Battery to Empire Battery #		VX-H804	107
COOLPIX S202/210/220/230	320	AC-155/2005	110	WPP-1000/1500/5000	107
COOLPIX S500/510/520/570	320	OLYMPUS		X-1/2/3/450/500	224
COOLPIX S550/560/710	345	Model to Empire Battery #		X-560WP/600/825/960	272
COOLPIX S600/700/3000/4000	320	AZ-1, AZ-2	203	X-940	389
COOLPIX S70/610/620/630/640	354	C-50/50Z/60Z/70Z	224	XZ-1	339
COOLPIX S1000PJ/1100PJ	354	C-470/507/590Z	224	Battery to Empire Battery #	
COOLPIX S2500/2550/3100	413	C-630	272	BLM-5	407
COOLPIX S4100	413	C-760UZ/765UZ/770M/770UZ	224	BLS-5	409
COOLPIX S5100	320	C-5000/5000Z/5050	224	BR403	381
COOLPIX S6000/6100/8000	354	C-5060/5060Z/5060WZ	240	Li10B, Li12B	224
COOLPIX S6200/1200PJ	354	C-7000/7000Z	224	Li20B	203
COOLPIX S8100/8200/9100	354	C-7070/7070WZ/8080/8080WZ	240	Li30B	257
COOLPIX SQ	210	D-630	272	Li40B/Li42B	272
COOLPIX SX610, SX610C, S710	354	DS-2300/3300 voice recorders	381	Li50B	339
D1, D1H, D1X	212	DS-4000/5000ID voice recorder	381	Li60B	355
D2H, D2HS, D2X, D2Z	242	DS-5000 voice recorders	381	Li70B	389
D3/3X/3S	242	E3/5/30	407	Li80B	269
D40/D40X/D60/D3000/D5000	304	E-1/3/30/300/330/500/510/520	240	NP-55/77H	109
D50/70/70S/100/100SL	211	E400/410/420/450/600/ 620	306	PS-BLM1	240
D80/90/200/300/300S/700	293	E-P1/P2/PL1/P3/PL3/PM1	306	PS-BLS1	306
D3000	304	E-PL2	306	VFBA5U	112C
F6	242	FE-20/190/230/240/250/280	272	VFBP1	101C
P5000/6000	239	FE-200	224	VFBP3, VFBP3U	100C
S60/5100	320	FE-290/300/320/340/350	272	VFBP6, VFBP6U	112C
S560	345	FE-360/370	355	VFBP7, VFBP7U	100C
S1100PJ/S1200PJ	354	FE-3000/3010/4000/4010/4030	272	VFBP8U	130C
S6150/6200/8200	354	FE-4020/4040	389	VFBP81	107
VHS SPORT	101C	FE-5000/5010/5020/5500	272	ORION	
VN-300/310/330/340/360	109	IR-300	272	Model to Empire Battery #	
VN-400/500/550/700/750	109	IR-500	224	C-MV1/MV11/MV103/MV203	110
VN-720/730	153-1.5C	MJU-700	272	VC-M0300	150
VN-800/801/810	107	MJU-MINI DIGITAL/DIGITAL S	257	Battery to Empire Battery #	
VN-820/830/840/850/860/870	109	SP-500UZ	224	OD-18	150
VN-900/910/960	109	SP-700	272	PANASONIC	
VN-3000	101C	SP-800UZ/810UZ	339	Model to Empire Battery #	
VN-7000/8200/9000/9100/9500	109	STYLUS 300/400/410/500/600	224	AFX3	100C
VS-BL71	156	STYLUS 550WP/7000/7010	272	AFX8, AFX12	130C
Battery to Empire Battery #		STYLUS 700/710/720/730/740	272	AG-40U	110
BP-80	107	STYLUS 750/760/770SW/780	272	AG-160/170/180/190	100C
BP-300	101C	STYLUS 790SW/820/830	272	AG-185U/187/188/195/196U	130C
EN-EL1	201	STYLUS 800/810/1000	224	AG-400P/450/460	100C
EN-EL2 / BP-NKL2 / 9904	210	STYLUS 1010/1020/1030	339	AG-455/456/459/461	130C
EN-EL3/EL3a	211	STYLUS 840/850/1040/1200	272	AG-2400/6400/7400	100C
EN-EL3E	293	STYLUS 1050SW/7000/7010	272	AG-B20P/BP188U	130C
EN-EL4/EN-EL4A	242	STYLUS 5010/7030/7040	272	AG-BP202/212DX	100C
EN-EL5	239	STYLUS 9000	339	AG-DCV 7/DVC15	172
EN-EL7	NYA	STYLUS 9000	339	AG-DVC30/DVC80	262
EN-EL8	275	STYLUS TOUGH 3000	272	AG-DVC200/DVX100	172
EN-EL9/EN-EL9A	304	STYLUS TOUGH 6000/6020	339	AG-DVX100A/AE/AP/B	262
EN-EL10	320	STYLUS TOUGH 8000/8010	339	AG-EZ1/EZ20/EZ30	162*
EN-EL11	345	STYLUS TOUGH VERVE/S	257	AG-HMC40/50/70	393
EN-EL12	354	SZ-10/SZ11/SZ20	339	AG-HSC1	307
EN-EL19	413	SZ30MR	339	AG-V50	100C
EN-4	212	T-100	269	AJ-D400/D410A/D700	250
LRHM3WM	201	TG-310	272	AJ-SDC615/905	292
NP-55/66H/77/77H	109	TG-610/810	339	AJ-SDX900/800/SPC700	292
NP-500	153-1.5C	U-10D/15D/20D/25D/30D/40D	224		
		UD-400/410/500/600/800	224		
		VC-103/106A	101C		

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

PANASONIC (CONT'D)		PANASONIC (CONT'D)		PANASONIC (CONT'D)	
BTS-1000N/100Y/1050/950	292	NV-G1/G1E/G2/G2E/G3/G3E	150	PV-300/320/330	100C
DMC-F1/F1S	226	NV-G100/200/202/300/303	150	PV-308/332/332D/332DK/333	150
DMC-F7	219	NV-GS11/15	396	PV-350	100C
DMC-F3/FH1/FH3/FH20/FH22	367	NV-GS50/GS70	230	PV-362/362D/372D/372DK	150
DMC-FH2/FH5/FH24/FH25/FH27	418	NV-GS90/GS98/GS328	307	PV-400/420/425/430/460	100C
DMC-FH20/FH30/FH33	367	NV-M5/M7/M7EO/M7EW	100C	PV-500/501/502/510	130C
DMC-FP1/FP2/FP8	367	NV-M7EG	110	PV-506/507	150
DMC-FP5/FP7	418	NV-M8PX/M9/M10	100C	PV-515/520/530/535	100C
DMC-FP3	391	NV-M10K/M30/M33K/M33PX	110	PV-558/563	150
DMC-FS2/FS4/FS6/FS7/FS8	367	NV-M20EG	150	PV-602/604	130C
DMC-FS3/FS5/FS20	319	NV-M50/55/70/90/350/550	110	PV-606	150
DMC-FS10/12/15/25/42/62	367	NV-M400	130C	PV-610	130C
DMC-FS16/18/35/37	418	NV-M810EN	150	PV-611A	150
DMC-FT1/FT2	367	NV-M1000/M8000	100C	PV-645/650/660	100C
DMC-FT10	391	NV-MC5/MC5EG/MC6/MC6EG	110	PV-700/704/710/720	130C
DMC-FX01/07/3/8/9/12	284	NV-MC10EG/MC10EGF/MC20	110	PV-750	100C
DMC-FX2/FX7	260	NV-MC30/MC30EG/MC70	110	PV-760/760A/760B/800	130C
DMC-FX30/33/35/37K	319	NV-MS1/MS2	100C	PV-808	150
DMC-FX40/48/66/75/700	367	NV-MS50/MS50EG/MS60/MS90	110	PV-810	130C
DMC-FX77/78/90	418	NV-MS70/MS70E/MS95/MS95E	150	PV-822	100C
DMC-FX50/55/100/150/500	319	NV-MS95E/MS95EG	150	PV-900	130C
DMC-FX500/550/580/FZ35	367	NV-MS950/MS950EN	150	PV-908/910A	150
DMC-FZ1/FZ7	225	NV-MV1	110	PV-910/918/940/950/960	130C
DMC-FZ8/10/FZ18/FX20/FZ28	283	NV-MV5	150	PV-2200	100C
DMC-FZ30/FZ35/FZ38/FZ50	283	NV-MX350/500	396	PV-3200	100C
DMC-G1/G2/G1K/GF1/GH1/G10	361	NV-R50E/R60E/R200/R200PN	155	PV-5000	101C
DMC-GH1K/GH1WW	361	NV-R500EN/R550EN	155	PV-5110	100C
DMC-L1/LC5/LC40	218	NV-RS7	181	PV-5150	110
DMC-L10	307	NV-RX1/RX2/RX5/RX7EN	155	PV-5200/5350	100C
DMC-LX1/LX2/LX3	284	NV-RX9/RX11B	150	PV-5372	150
DMC-S1/S3	418	NV-RX14B/RX64	181	PV-5400	101C
DMC-TS1/TS2/TS3/TS10+A1008	367	NV-RX15B/RX18B/RX19	150	PV-5420	100C
DMC-TS5/TS7	368	NV-RX21B/RX31B/RX49/RX611	150	PV-5500	101C
DMC-TZ1/TZ3/TZ4/TZ5/TZ50	298	NV-RX70B	150	PV-5630	150
DMC-TZ6/TZ7/TX8/TZ10/TZ65	368	NV-RZ1/RZ2	181	PV-5800/5810	100C
DMC-ZR1/ZR3/ZS1/ZS3/ZX3	368	NV-S1/S1B/S1E/S1K/S1S/S2	150	PV-5850/6000	101C
DMC-ZS5/ZS7/ZS8/ZS10	368	NV-S5/S5B/S5E/S6/S6B/S6E	150	PV-6100	130C
DMX-FX580	367	NV-S7/S7B/S7E/S7EG/S8/S9	150	PV-6110	100C
EB362	100C	NV-S20/S20B/S20EG/S30	150	PV-6500/6600	101C
HDC-DX1/DX3	307	NV-S78E/S100/S100EN	150	PV-8000/8100/8110	100C
HDC-HS9/HS20/HS100/HS200	307	NV-S200/S500/S500EN	150	PV-8206/8306	150
HDC-HS250/HS300/HS700	307	NV-S600/S700/S700EN/S800	150	PV-8440/8484/8485/8500	100C
HDC-SD1/SD3/SD5/SD7/SD9	307	NV-S850EN/S950EN	155	PV-8600/8650/9000/9000A	100C
HDC-SD10/SD20/SD100/SD200	307	NV-VX17EN/VX27EN/VX57EN	181	PV-9600/9600A	100C
HDC-SD700/SX5	307	PB-10B	150	PV-A206/A207/A208/A216	150
HDC-SDT750	331	PK-410/412/450/452	100C	PV-A227/A228/A266/A286	150
HDC-TM10/TM20/TM30/TM200	307	PK-500/503/530/557/558	100C	PV-A296/A306/A307/A308	150
HDC-TM300/TM350/TM700	307	PK-597	101C	PV-A376/A386/A396/A406	150
HM-TA1H/TA1R	319	PK-700	130C	PV-A407	150
HM-TA1V	319	PK-802/805/903/956/957/958	100C	PV-D10DK/D19DK/D29	150
IQ-PBA306	150	PK-972	101C	PV-D101	172
M-810	150	PK-959/973/975/976/980	100C	PV-D209/D209KJ	150
M-3000	130C	PRO-846	150*	PV-D300/D300K/D301	150
MC-50	110	PSC15C	150	PV-D308/D318/D326	150
NV61/61E/62/62E/63	150	PV-2A216	150	PV-D406/D407/D414/D417	150
NV-100	101C	PV-10/10B/10PX/11DK	150	PV-D426/D427/D476/D486	150
NV-180	100C	PV-14/14D/14K/15K/17/18	150	PV-D496/D506/D507/D526	150
NV-500/595	150	PV-19/19D/20/21/21D/22/22D	150	PV-D606/D607	150
NV-6500/6600/8420	101C	PV-31/32/32D/40/40D/40DK	150	PV-D700/D710	162
NV-A1EN	155	PV-41/42/42DK/42K	150	PV-D705/D776	150
NV-C1	172	PV-43/43D/43DK	150	PV-D900	172
NV-CS1EN	155	PV-50/53	110	PV-D1000	162
NV-DA1/DA1EN	172	PV-52/54/54D/62/64	150	PV-DC152/DC252/DC352	172
NV-DE3	162	PV-100/110/120/122/140	110	PV-DV10/DV10i/DV51/DV52	172
NV-DJ1/DJ100/DS1/DS5	162	PV-200	100C	PV-DV53/DV73/DV100/DV100K	172
NV-DS77/DS77EN	172	PV-200D	112C	PV-DV102/DV103/DV200/200K	172
NV-DX1/DX100	162	PV-210/220	100C	PV-DV201/DV202/DV203	172
NV-EX1/EX1EN	172	PV-213A/214A/215A	150	PV-DV400/DV400K/DV401	172

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PANASONIC (CONT'D)		PANASONIC (CONT'D)		PANASONIC (CONT'D)	
PV-DV/402DV600/DV600K	172	SDR-H288	307	DMW-BL14	218
PV-DV601/DV602	172	SDR-S7/S10/S15/S26	319	DMW-BLA13E	307
PV-DV700	162*	SDR-S100/S150/S300	290	DMW-BLB13/13E/13PP	361
PV-DV701/DV702/DV710	172	SDR-SW20/SW21	319	DMW-BM7	225
PV-DV800/DV800K/DV852	172	SV-AV10/20U/30/35	203	DMW-BMA7/S006E	283
PV-DV900/DV900K/DV900/910K	172	SV-AV50/A510	237	EPK1185	100C
PV-DV950	162	SV-AS10	172	HHR-V20A/V20A1B/V40A	150
PV-DV952/DV953	172	TC-7-WMSI	292	HHR-V40A1B/V60A/V60A1B	150
PV-DV1000	162	VDR-D50/D51/D58	307	HHR-V214	150
PV-GS9/12/14/15	172	VDR-D100/D105/D200/D210	230	LCS-2012APC/2012AV	100C
PV-GS19/29/31/35/39/50S/59/70	230	VDR-D220/230/250/300/310	230	LCS-2012DVBC	130C
PV-GS55/65	230	VDR-M10	172	LCS-2012P/2012VBNC	101C
PV-GS120/150/200/250	230	VDR-M30/M50/M70	230	LCS-2312AVBNC	100C
PV-GS300/308/400/500/508	230	VM-539/D100/L451	150	LCS-A122R3EU100C	100C
PV-GS80/83/85/90/320/500	307	VSU-0164	130C	LCS-D122BU/D122EU	130C
PV-IQ202/IQ203/IQ204/IQ205	150	WV-3400/4850	101C	LCT-1912AP	100C
PV-IQ205D/IQ214/IQ215/IQ225	150	Battery to Empire Battery #		NCA-YN101H	418
PV-IQ244/244D/245/255	150	AG-3	150	NVA3	155
PV-IQ294/295/303/303A	150	AG-BP15/BP15P	162	P-9AS/8U13	110
PV-IQ304/304A/305/314	150	AG-BP20	130C	PV-122D	110
PV-IQ315/325/344/375/375A	150	AG-B20P	100C	PV-214A/215A/611A	150
PV-IQ384/384A/393/394/403	150	AG-B21P	130C	PV-BP10/BP11/BP12	110
PV-IQ403D/IQ403DK/IQ404	150	AG-BP25	166	PV-BP15/16/17/18/19	150
PV-IQ404A/405/425/434/475	150	BP-508	150	PV-BP50	130C
PV-IQ485/IQ493/IQ494/IQ495	150	BP-BP20P	130C	PV-BP80/BP88	100C
PV-IQ503/504/504A/505	150	CGA-D54	262	PV-D200	172
PV-IQ511/IQ525/IQ575/IQ594	150	CGA-DU07/DU12/DU14/DU21	230	PV-DBP5	162
PV-IQ604/604D/635/705	150	CGA-S001/S001E	226	PV-DBP8/DBP9	172
PV-IQPBA306	150	CGA-S002	225	PV-GS80/GS85/GS320	230
PV-L50/L59/L60	150	CGA-S003	237	PV-GS320	230
PV-L352/L353/L354	150	CGA-S003A/1B	172	PV-IQ225D	150
PV-L450K/451/452/453/L454	150	CGA-S004A/S004E	260	PV-L354/L454	150
PV-L457/L459K/L501/L550	150	CGA-S005	284	PV-V213	150
PV-L551/L552/L552H/L557	150	CGA-S006	283	UP10V1.1AN/UP10VI.IN	110
PV-L558/L559/L560/L560K	150	CGA-S007/S007E	298	VSU-0011	100C
PV-L568/L571/L578/L579/L580	150	CGA-S008A/S008E	319	VSU-0016	130C
PV-L590/L600/L600C/L601	150	CGA-S009A/S009E	367	VSU-0190/0200	155
PV-L606/L607/L647/L650	150	CGA-S101A/S101B	219	VSU-0470	230
PV-L650K/L651/L651D/L652	150	CGA-S106B	367	VW-VB30/VB31	100C
PV-L657/L658/L659/660	150	CGA-S301A1	203	VW-VBC1E/VBC3	110
PV-L660D/L670/L671/L677	150	CGA-S302	241	VW-VBC4E/VBC5E	110
PV-L678/L679/L679K/L680	150	CGA-S303	290	VW-VBA05	237
PV-L681/L690/L691/L750	150	CGA-S603E	284	VW-VBA10/VBA21	203
PV-L750K/L751/L757/L758	150	CGP-D28A/D110/D210/D320	172	VW-VBCE4E	110
PV-L759/L779/L779K/L780	150	CGR-B202/B403/B814	162	VW-VBD1/VBD1E/VBD2	162
PV-L780D/L781/L850/L850K	150	CGR-D08/D14/D16/D28	172	VW-VBD07/VBD14/VBD21	230
PV-L857/L858	150	CGR-D120/D220/D320/D815	172	VW-VBD19/VBD19PP-K	396
PV-L859/L859K/L958	150	CGR-DU06/DU06A/1B	230	VW-VBD23/VBD24/VBD25	172
PV-LCD35	150	CRG-DU12A/1B	230	VW-VBF2	130C
PV-M429	100C	CGR-S002	225	VW-VBG6/VBG6K/VBG6PPK	393
PV-MC10EQ	110	CGR-S006,006A	283	VW-VBG070/VBG130	307
PV-S43/S53/S62/S63/S64	150	CGR-S101A	219	VW-VBJ10/VBJ10E-K	319
PV-S70	130C	CGR-S602A/S603E	218	VW-VBJ10PP1K	319
PV-S140/S150/S160	110	CGR-V14S	181	VW-VB260	307
PV-S332	150	CGR-V610/V620	181	VW-VBM7E/VBM10	100C
PV-S350	100C	DMW-BC7	219	VW-VBM10E	155
PV-S362/S372/S630	150	DMW-BCA7	226	VW-VBS1E/VBS2E	150
PV-S4420/S440/S445/S460	100C	DMW-BCB7	260	VW-VBS20E	155
PV-S540/S545/S550	100C	DMW-BCC12	284		
PV-S565/S575	100C	DMW-BCD10/S007E	298	PENTAX	
PV-S770	130C	DMW-BCE10/S008E	319	Model to Empire Battery #	
PV-S770A	150	DMW-BCF10/10E/10GK	367	645D	372
PV-SD4090/SD5000	162	DMW-BCF10PP	367	EI-2000	208
PV-VM202	172	DMW-BCG10/BCG10E	368	K5/K5SILVER/7	372
SD-VA100	241	DMW-BCG10PP	368	K-10D/20D	238
SDR-H18/H20/H200	230	DMW-BCH7/BCH7E	391	K-r	402
SDR-H40/H41/H48/H60	307	DMW-BCH7PP	391	OPTIO 330,330RS,430,430RS	203
SDR-H68/H80/H90/H258	307	DMW-BCK7/BCK7E/BCK7PP	418	OPTIO 550, OPTIO MX	228

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PENTAX (CONT'D)		PHILCO		POLAROID (CONT'D)	
OPTIO A10/20/30	222	Model to Empire Battery #		02491-0053-00	272
OPTIO A40	333	V1728SL01, V1728TSL01	100C	02491-0056-00	272
OPTIO E65/E75/ E85	222	VC1726SL01, VC1727SL01	101C	02491-0057-00	272
OPTIO H90	363	VCR740SL01, VCR790SL01	112C	PREMIER	
OPTIO I10	364	VCR800SL01	112C	Model to Empire Battery #	
OPTIO N20	222	VCR801AV01, VCR802AV01	100C	DS-A350/S888	315
OPTIO M30/40	311	VCR807AV01, VCR809AV01	100C	DS-833088340/8350/8650	315
OPTIO M50	344	VCR901AV01	100C	DS-8330/8340/8350/8650	315
OPTIO M90	272	VKR110	130C	Battery to Empire Battery #	
OPTIO P70/P80	363	Battery to Empire Battery #		02491-0028-01	315
OPTIO RS1500	272	SC2154	101C	02491-0045-00	315
OPTIO RZ18	364	V80039BK01	100C	PROSCAN	
OPTIO S1	344	V80063BK01	112C	Model to Empire Battery #	
OPTIO S/4/4i/5i/5n/5z/6/7/V/Vi	222	PHILIPS		CC-HIT555/566/577	166
OPTIO S10, S12	333	Model to Empire Battery #		PRO 598/698H/898LH/998LH	166
OPTIO T10/20	222	CPJ-810/815	100C	PSC10	142S
OPTIO T30/ V10	311	CPK-816/832	130C	PSC15C	150
OPTIO W10/20, WP, WPi, X	222	CPK-834/855	100C	PSC20HB	143
OPTIO W30	311	CPK-910	110	Battery to Empire Battery #	
OPTIO W60/ W80	344	CPL-820/827/915	130C	BB060	143
OPTIO W90/ WS80	363	CVJ-360	110	HIT 555/566/577	166
OPTIO WG-1/WG-1GPS	364	CVL-345	100C	QUASAR	
OPTIO X70	364	CVR-315/325	NLA (02/10)	Model to Empire Battery #	
OPTIO Z10	259	CVT-330/340	NLA (02/10)	PS-40/150	110
PV800E	103	PRO 1	100C	VH-5420/5430/5435	101C
PVC1SA/11A/33/55A/66A/67A	104	VKR-2000	100C	VM-10	112C
PVC77A/78A	NLA (02/10)	VKR-6800/6810	112C	VM-11C	100C
PVC480E/840E/PVC860E	109	VKR-6820S	100C	VM-20AC/21AC/22AC	100C
PVC800A/850A/880A/900A	113	VKR-6830/6835/6836/6837	110	VM-23AC/24AC/25AC	100C
PVC905A/909A	143	VKR-6838/6840/6841/6842	110	VM-26AC/27AC/29	100C
PVEM100E	109	VKR-6843/6865	110	VM-32/32AC/33/33AC	130C
PVR1000A	104	VKR-6846	108	VM-34/35/37	100C
PVR1100A	100C	VKR-6850/6851/6855	100C	VM-40AC/50/50AC	110
PVR83030AV01	150	VKR-9000/9005/9300	110	VM-51AC/52/52AC/53	110
Q BLACK	333	Battery to Empire Battery #		VM-100/110	150
Q WHITE	333	22AV5112, 22AV5119	112C	VM-500/505/508/510/511/512	150
RS1000	272	22AV5125/5126/5145/5166	110	VM-513/514/515/516/517/518	150
RZ10	364	22AV5191	108	VM--520/521/522/524/525	150
V1	104	22AV5591	100C	VM-526	110
W90	363	AR8378BK01	100C	VM-530/535/538/539	150
X90	371	AR8395BK01	100C	VM-544/545/547/549	150
Z10	259	SBC5212/SBC5214	110	VM-550/555	150
		SBC5215	100C	VM-560/565/575	150
		SC2154	101C	VM-700/705/706	130C
		V80039BK01	100C	VM-708/709	100C
Battery to Empire Battery #		V80063BK01	112C	VM-710/716/717/718	130C
D-Li1	208	V80076BK01, V80085BK01	110	VM-735/737/749	130C
D-Li2	203	V80086BK01	100C	VM-2100	100C
D-Li7	228	V80096BK01	130C	VM-D100/D101	150
D-Li8	222	V80115BK01, VK80116BK01	150	VM-L450/L457/L458/L459	150
D-Li50	238	V80139BK01	151	VP-2100	100C
D-Li63	311	V80146BK01, VK80149BK01	NLA (02/10)	VP-5420/5435	101C
D-Li68	333	VE550UE	101C	VP-5430	100C
D-Li72	259	PIONEER		VP-5440/5441/5442	100C
D-Li78	344	Model to Empire Battery #		VP-5450/5451/5452	100C
D-Li85 / D-Li 95	222	VEM-800	103	VP-5740/5741/5742/5744	100C
D-Li88	363	VM-50	110	VP-5747/5748/5750/5751	100C
D-Li90	372	POLAROID		VP-5756/5757	100C
D-Li92	364	Model to Empire Battery #		VV-9404	100C
D-Li106	371	M635	328	Battery to Empire Battery #	
D-Li108	272	M737T	360	BP-500/508	150
D-Li109	402	PR530L	153	P-V213A/1B	150
K-20D	238	T370/730/831/833/1032/1455	272	P-V214A/1B	150
PVBT1A/11/12	104	T737	360	P-V215A/1B	150
PVBT71/72	NLA (02/10)	T830	269	P-V611A/1B	150
PVBT810/820	113	T1031	286	VE250	112C
PVBT901/902	143	Battery to Empire Battery #		VE255, VE256	110
RZ10	364	02491-0066-00	272		
VE-258	130C				

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

QUASAR (CONT'D)		RCA (CONT'D)		REALISTIC (CONT'D)	
VE257	100C	PRO 698H	166	16-830	142S
VE258	130C	PRO 702C	150	16-851	106
VE550UE	101C	PRO 742	166	16-852/853	109
VE551XE	100C	PRO 800/807/808	109	16-2433	271
VSBS0011	100C	PRO 810/815	143	16-2434/2435	246C
RADIO SHACK - SEE REALISTIC		PRO 820/820A/825	143	16-2436	230
RCA		PRO 830/840/842/843	109	16-3840	253C
Model to Empire Battery #		PRO 844	143*	16-3843	247C
CC-150	106	PRO 845	109	16-3882	216
CC-174	150	PRO 846	143*	16-3848	251
CC-175	106	PRO 847	109	MODEL 100	104
CC-176/177/178/180	150	PRO 850	143	MODEL 101	NLA (02/10)
CC-187/188/190	150	PRO 852	109	MODEL 102/103/126	142S
CC-250/260/275	104	PRO 854	143*	MODEL 125	NLA (02/10)
CC-265	110	PRO 860/865/867/870	143	MODEL 126	142S
CC-280/285/286	NLA (02/10)	PRO 880/880HB	143	MODEL 150	106
CC-300	104	PRO 881HB/883HB/884HB	143	MODEL 151/152/153/154	109
CC-305/310/311/320	NLA (02/10)	PRO 898LH	166	MODEL 155	150
CC-350	104	PRO 930/932	143	MODEL 157	143
CC-360/390/391	124	PRO 942/943/943S	143*	Battery to Empire Battery #	
CC-400/405/406/407/412	142S	PRO 949	143	16-804, 16-BP65	142S
CC-413/414/415/416/417	142S	PRO 998LH	166	23-183	104
CC-420/421/422/423/424	142S	PRO B712	164	23-184	109
CC-425	143	PRO EDIT	NLA (02/10)	23-186	NLA (02/10)
CC-428/431/432/433	142S	PRO V712/V714	158	23-187	130C
CC-434/436/437/439	142S	PRO V730/V741/V742	166	BT-22RS	115
CC-445	142S	PRO V801C	150	P16-BP63	NLA (02/10)
CC-507/509/510/512/517	142S	PRO V949HB	143*	P16-BT-22	115
CC-520/525	142S	PRO V950HB	156	T16-BP64	142S
CC-540/542	142S	PRO V2000D	156	VM-BP21ARS	104
CC-543	142S	PSC10	143	VM-BP61RS	106
CC-547/548	142S	PSC15C	150	VM-BP66RS	142S
CC-560	142S	PSC20HB	143	VM-BP82	143
CC-603	143	VTR-100	106	VM-PB21ARS	104
CC-600/604/612/614	150	Battery to Empire Battery #		R-800H	107
CC-615/616/617	150	AV-096	NLA (02/10)	RICOH	
CC-620/621/631/632/633A	150	AV-8M3W	109	Model to Empire Battery #	
CC-636/639	150	AV-8MLED+D1126	150	CAPLIO GX/8	228
CC-641/643/645/648	150	AV-8MM	109	CAPLIO GX100	284
CC-740/800/820	150	AV-8MSW	150	CAPLIO R1, R2, Z1	300
CC-850	142S	AV-55	109	CAPLIO RR1	183
CC-900D	160	AV-120	104	CAPLIO R3/4/5	284
CC-1000/1650	150	AV-158C/608/609	109	CAPLIO R6/R7	323
CC-4251/4252/4271	142S	AV-622	103	CAPLIO RR30	228
CC-4352/4362/4371	142S	AV-650	110	CAPLIO R30/40	284
CC-4391/4392/4393	142S	AV-800	143	CAPLIO R50	344
CC-6151/6251/6262/6263	150	BB-060	143	CAPLIO 300G/500G/500SE	228
CC-6271/6272/6291	150	BB-44/45/50	158	CX1/CX2/R8/R10	323
CC-6363/6364/6371/6372	150	BB-65L	166	CX3/4/5	364
CC-6373/6374/6383/6384	150	BB-75	156*	DS-6370	331
CC-6391/6392/6393/6394	150	BB-90	156	G-600/700/700SE	284
CC-8251	166	BB-120/150	143	GR-DIGITAL/DIGITAL II	284
CC-9360/9370/9373	192	BB-700	150	GR-DIGITAL III, GX-200	284
CC-9381/9390	176	BC-40, BDC-40	160	GXR	299
CCD-FX210/FX230	109	BP-96	110	RDC-7/6000, RDC-1500	183
CCR-265/300/305	NLA (02/10)	BP-96FL/96FS	NLA (02/10)	RDC-1700	174
CLR-200	104	BV-060	143	R-16/17/17C/18H/66/67/86	109
CMR-200/300/350	104	CB-060/120	104	R-87H	153C
CPR-100/150	106	CB-096FL/096FS/096 LONG	142S	R-86S/88/88H/105/108H/200	109
CPR-175	104	CB-120	104	R-250/500/600	103
CPR-250/275	104	CBC-060/120	106	R-260/600S/610/612/615/620	109
CPR-300/350	104	EP-096FL/096FS	142S	R-630/680/800/808H/810	109
CPR-S350	104	FB-096FS/120/1260	150	R-800H	107
CVR-475	NLA (02/10)	REALISTIC		R-830/831/850/860/861/880	109
QVC-F477/F479	NLA (02/10)	Model to Empire Battery #		TF-200	109
PRO 8	109	16-801	104	VC-H815	109
PRO 598	166	16-802/803/825	NLA (02/10)	Battery to Empire Battery #	
PRO 660	143	16-826	115	DB-20	183

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

RICOH (CONT'D)		SAMSUNG (CONT'D)		SAMSUNG (CONT'D)	
DB-30	174	HMX-H200/203/204/205/220	411-4	SC-L700/L710/L750/L770	195
DB-34	228	HMX-H300/303/305/320	411	SC-L800	109
DB-40	203	HMX-H300/303/305/320	411-4	SC-L810/L860/L870	195
DB-43	228	HMX-M20	390	SC-L901/L903/L906/L907	195
DB-50	300	HMX-Q10	390	SC-M51/M52/M53	195
DB-60	284	HMX-R10	371	SC-M105S	282
DB-65	284	HMX-S10/15/16	411	SC-MS10/11/15	296
DB-70	323	HMX-S10/15/16	411-4	SC-MX10/MX10A/MX10P	335
DB-80	344	HMX-T10	390	SC-MX10R/20/20C/25E	335
DB-90	299	HMX-T100	390	SC-W61/62/71/73/80/87/97	195
DB-100	364	HMX-U20	341	SC-X105L/X110L	282
DRP-2	109	HZ10W/HZ15	341	SC-X205/X210/X300/X300L	302
DS-6365	331	HZ30W/35W/50W	370	SC-X704	130C
NP-22	103	I6pmp/70	288	SC-X800X/803/X804/X854	109
NP-55/77/99	109	i7	318	SC-X904X/915/X953	109
NP-500	153	i8	332	SDC-K50/64/128/512	296
SL-58, SL-68	331	i80/85/100	314	SDC-D256/D512	296
ROLLEI		IT-100	341	SDC-MS61	305
Model to Empire Battery #		L60/73/700	288	SL-50/600/630	382
DP-8300/8330, NP-83	315	L70/83T/201/301	303	SL102/202/310/420/620/820	341
PREGO DP4200, DP5200	269	L74	314	SL201	303
PREGO DP6200, DP6300	269	L77	259	SL-600/605	382
Battery to Empire Battery #		L100/110/200/210/310W	341	SMX-C10/C14/C20/C24	373
02491-0015-00	269	L730, L830	332	SMX-F30/F34	335
02491-0028-01	315	NV4	332	SMX-F40/43/44/50/53/54	411
02491-0037-00	269	NV5	288	SMX-F40/43/44/50/53/54	411-4
02491-0045-00	315	NV8	303	SMX-F400/401	411
SABA		NV9	341	SMX-F400/401	411-4
Model to Empire Battery #		NV30/40/24HD/100HD	314	ST-10	332
CVK-2600	110	NX10/100	386	ST-50/500/550/600	366
VM-6800/6930/6940CD/6990	110	PL10	332	ST-60/65/70/80/90/95/100/700	382
VM-6995CD, VMK-6700	110	PL20	382	ST-1000	370
SAMSUNG		PL-50/51/55/60/65/70	341	SV-C3/C8	103
Model to Empire Battery #		PL-80/90/100/120/170/200	382	SV-C9	110
AD43-00136A/00148A	271	PL-150	366	SV-E27	100C
AQ100	382	SB-P90AB/P90ASL	282	SV-H30/H33	109
CL80	370	SC-A12/14/20/23/25/30/33/35	109	TL9	341
DIGIMAX 301	268	SC-A80/A85	109	TL34HD	314
DIGIMAX i5, i50	222	SC-D20/21/23/24/27/29/31/33/3	200	TL100/200/205/210/220/225	366
DIGIMAX i6	288	SC-D37/39/55/60/67/70/73/75	200	TL105/110/125	382
DIGIMAX i8	332	SC-D77/80/81/86/87/93/99	200	TL320/350/500	370
DIGIMAX i85	314	SC-D105L	282	VC-E27N/H15N/H815	109
DIGIMAX L55W/85W	295	SC-D107/130/370	200	VM-A650/930	200
DIGIMAX L50/L60/L73/L80	288	SC-D164	271	VM-B97HS/710/730/770	200
DIGIMAX L74	314	SC-D180/190/323/325/327/340	200	VM-B990/1300/1900/3710	200
DIGIMAX L77	259	SC-D351/352/353/354/355/357	271	VM-C630/670/690/730/790	200
DIGIMAX L700	288	SC-D363/364/365/366/372	271	VM-C890/1500/2000	200
DIGIMAX L830	332	SC-D382	377	VM-C5000	235
DIGIMAX NV3, NV7	288	SC-D385	352	VM-M102/M105/M110	282
DIGIMAX NV10/15/20	303	SC-D453/455/457/557	271	VP-A20/22/30/31/33/34	109
DIGIMAX NV11	314	SC-D530/530T/D590/590T	200	VP-A50/55/57/800/A850	109
DIGIMAX PRO-815	289	SC-D903	278	VP-D7L/D10/D11/D15/D15i	200
DIGIMAX ST10	332	SC-D5000	235	VP-D20/D21/D21i/D23/D23i	200
DIGIMAX U-CA3/4/5	203	SC-D6040/D6550	200	VP-DD24/D26/D30/D31	200
DIGIMAX U-CA401/501/505	203	SC-DC164/165/173/575	271	VP-D33/D33i/D34/D34i/D39	200
DIGIMAX V3/4/5/6/50/70	268	SC-DX10	343	VP-D55/D60/D63/D65	200
DIGIMAX V700, V800	203	SC-DX103/205	377	VP-D70/D73/D75/D76/D76i/D77	200
DIGIMAX V4000	268	SC-F30/32/34/35	130C	VP-D80/D81/D82/D83i/D85/D87	200
ES-55	341	SC-F500/501	104	VP-D87i/D93/D97/D99/D99i	200
ES-65/70/80	382	SC-F700/702/710/712	152	VP-D101/103	200
GX-10/20	238	SC-F703/704	130C	VP-D103i	278
H304	411	SC-F754/755/756/765	130C	VP-D105/D107/D130/D130i	200
H304	411-4	SC-H985/H996	109	VP-D190/D190i/D190MSi	200
HMX-E10/100	405	SC-HMX10/HMX20C	335	VP-D230/D250/D270/D301/D303	200
HMX-F500/530	411	SC-K60/K70/K75/K80/K85	109	VP-D303i/323i	278
HMX-F500/530	411-4	SC-L100/L300/L320/L330/350	109	VP-D305/D307/D327i/D340	200
HMX-H100/104/105/106	335	SC-L520/L530/L540/L550	195	VP-D351/351i/352/352i/353	271
HMX-H200/203/204/205/220	411	SC-L600/L610/L630/L650	195	VP-D353i/354/354i/355/355i	271

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SAMSUNG (CONT'D)		SAMSUNG (CONT'D)		SANYO (CONT'D)	
VP-D380i	200	SB-P120A/P240A	302	XACTI C6/CG65/E1/E60	244
VP-D451i/453i/454i/455i	271	SB-P180A	282	XACTI DMX-C4/CA6/CA8/CG6	244
VP-D530/D530R/D590/D590i	200	SC-W62	195	XACTI DMX-CA6L/CG6P/CG6S	244
VP-D903i/D907i	278	SLB-07A	366	XACTI DMX-CG9/C40S/CA65	244
VP-D5000/D5000i	235	SLB-07B	366	XACTI DMX-CG65/CG65G	244
VP-D6040/D6050/D6050i	200	SLB-0637	259	XACTI DMX-CG65K/CG65S	244
VP-D6050i	278	SLB-0737	222	XACTI DSC-C4	244
VP-DX10	343	SLB-0837	288	XACTI HD1	294
VP-DX100	352	SLB-0837B	303	XACTI SH1	387
VP-DX200	377	SLB-0937	332	XACTI VPC-A5	259
VP-HMX20C	335	SLB-11A	370	XACTI VPC-C4E/CA6/CA8/CA65	244
VP-L150	150	SLB-1037/1137	203	XACTI VPC-CG6/CG9/E60	244
VP-L100/L300/L330/L350	109	SLB-1137C	318	XACTI VPC-E60EXJ4EX	244
VP-L500/520/530/550/700	195	SLB-1137D	314	Battery to Empire Battery #	
VP-L700U/710/750/750D/770	195	SLB-1237	295	BNP-22	103
VP-L800/850/870/900/903/907	195	SLB-1437	268	DB-L10	224
VP-L980	109	SLB-1674	238	DB-L20	244
VP-M50/51/52/53/54	195	SLB-1974	289	DB-L30	259
VP-M102/102B/102S	282	SV-LB5	152	DB-L40	294
VP-M105/105B/105R/105S	282	SV-LB6	130C	DB-L50	236
VP-M110/110B/110L/110R	282	SV-NB3/NB4	104	DB-L80	363
VP-M110S/M2100	282	SANYO		DB-L90	387
VP-MS10/11/12/15	296	Model to Empire Battery #		DS-5370	272
VP-MX10/MX20	335	DMC-FE30	294	LA2312	100C
VP-X110/X110L	282	DMX-C1/C4D/C4L/C4N	244	NB-111	191
VP-W70U/W71/W75/W75D	195	DMX-C5S/C5T/C5W	244	NP-1/1A	114
VP-W80/W87/W90/W97	195	DMX-C6K/C6R/C6S	244	NP-40	222
WB-100/1000	370	DMX-HD800	294	SL20	244
WB-500/550	341	DMX-SH1	387	UR-110	191
WB-700	370	DSC-MZ3	224	UR-121/121D/124	221
WB-5000	370	DSC-C4/C5/E6/J4	244	UR-211	183
Battery to Empire Battery #		IDC-1000U/1000Z	221	VR-151	158
AC-43-1001R	109	VC-8/10	103	SEALIFE	
B-9527	302	VCR-88	103	Model to Empire Battery #	
BP-70A	382	VEM-8, VEM-800, VEM-D3	103	BS-8300	315
BP-90A / IA-BP-90A	405	VEM-H100/S1/S2	109	DC800/DC1000	315
BP125A	390	VISION 8	103	REEFMASTER DC500	269
BP-1310	386	VM-8/10/800P	103	S5	269
CAB-05/06	152	VM-D1P	103	SEARS	
EA-BP70A	382	VM-D1/D3/D5/D5P/D6/D6P/D8f	109	Model to Empire Battery #	
ED-BH1310	386	VM-D66/D66P	109	934	142S
FB-1260	150	VM-ES77/ES99/H100P	109	5368, 5369, 5370	100C
IA-BH125C	371	VM-P5P/PS12	109	5372, 5374, 5376, 5377	104
IA-BH130LB	373	VM-RZ1/RZ1A	109	5379	NLA (02/10)
IA-BP80W	352	VME-S88/S88P	109	5524, 5526	142S
IA-BP80WA	377	VPC-C1/C1EX/C4/C4EX/C4GX	244	53601, 53612	150
IA-BP125A	390	VPC-C4S/C5/C5E/C5EX/C5GX	244	53661, 53662, 53671, 53672	130C
IA-BP85OM	343	VPC-C6/C40	244	53684, 53685	130C
IA-BP85ST	335	VPC-CA6/CA8/CA9/CA65	244	53683,53691, 53703	100C
IA-BP210E	411	VPC-CA102YL	363	53704, 53705, 53706	109
IA-BP420E	411-4	VPC-CG6/CG9/CG65	244	53708, 53709	109
NB-E60A/E70A	109	VPC-CG10/CG20/CG102	363	53721	104
NC-120N	109	VPC-CS1/CS1P	363	53722, 53725	143
SB-L10A/ SLB-10A	341	VPC-E1/E2/E6/E6EX/E6U/E7	244	53729, 53730, 53732	104
SB-L70/L70A	200	VPC-E760/E870	222	53733, 53734, 53735	142S
SB-L70G	235	VPC-FH1/FH1A	236	53740, 53741, 53742	104
SB-L110	200	VPC-GH2/GH4	363	53743, 53744	104
SB-L110A	195	VPC-HD1/HD1A/H2/HD700	294	53745	NLA (02/10)
SB-L110G	235	VPC-HD800	294	53746	142S
SB-L160	195	VPC-HD1000/1010/2000	236	53749, 53761	104
SB-L220	200	VPC-J4/J4EX/S7	244	53762, 53763, 53764	142S
SB-L320/L480	195	VPC-PD2BK	363	53781, 53782, 53783	142S
SB-LH73	305	VPC-SH1	387	53790	NLA (02/10)
SB-LH82	296	VPC-T700/T850	272	53791	104
SB-LS80	271	VPC-TH1/WH1	236	53792, 53793	142S
SB-LS110/LS220	278	VRC-200	112C	53794	124
SB-LSM80/LSM160/LSM320	271	VRC-7300, VTC-5800	114	53795, 53796, 53801	142S
SB-P90A	282			53832	104

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

SEARS (CONT'D)		SHARP (CONT'D)		SHARP (CONT'D)	
53833, 53834, 53843, 53882	NLA (02/10)	VL-C80	104	VL-L340U/L380U/L390U	146
53851, 53884	109	VL-C650U/C670	108	VL-L410U	115
55514	150	VL-C690HC/690S/C690X	110	VL-L490/L490U	146
55534	143	VL-C750U/C770/C780	108	VL-L510U	115
55624, 55625, 55634	150	VL-C855UA/C860/C6100	108	VL-L630/L634	146
55635, 55814, 55824, 55844	109	VL-C7500/7950S	110	VL-L4100U/L4300U	115
55914	NLA (02/10)	VL-D5000U	156	VL-L8100U	146
55428, 58428, 58457, 58458	164	VL-DC1U/DC3U	156	VL-LXXU	146
58537, 58538	142S	VL-E7E/E8E	109	VL-M6GY/M6SL/M6U	109
58628, 58657, 58658	150	VL-E33/E34	158	VL-ME10H/ME100 PRO	176
58667, 58668	150	VL-E33U/E34U	164	VL-MS7SL	109
58827	109	VL-E36	NR	VL-MX6/MX7GY/MX7U	109
58828	153	VL-E37/E37U/E39/E39U	158	VL-MX70	109
58847	109	VL-E40U/E42	109	VL-N1U	109
58848	153	VL-E43/E46/E47/E49	158	VL-NZ8U/NZ10U	205
58857	109	VL-E43U/E46U/E47U/E49U	164	VL-NZ50U/NZ55U/NZ100U	205
58878	153	VL-E60/E62DU/E65DU/E66	164	VL-NZ105U/NZ150U	205
58917, 58937, 58968	150	VL-E66U/E77/E77U/E78/E78U	164	VL-PD1U	179
Battery to Empire Battery #		VL-E79/E89/E96/E98	164	VL-PD3U	177
5399	100C	VL-E42U	158	VL-PD6	176
52061	109	VL-E450	156	VL-RD1U	178
52074	150	VL-E500U	158	VL-S1/S1U/S5/S5U	164
53834	142S	VL-E550	156	VL-S860	108
53981	NLA (02/10)	VL-E600/E600U/E610U	164	VL-SD20U	176
53982	142S	VL-E620/E620U	164-2.5*	VL-SE10/SE10U/SE15	164
53983	142S	VL-E630U	164	VL-SE20/SE20U/SE50U	164
53988	109	VL-E650/E650U	164-2.5*	VL-SW50U	164
53991	130C	VL-E660U/E665U/E680U	164	VL-WD200U	176
53994, 53995	104	VL-E685U/E700/E700U/E720	164	VL-WD250H/WD250U/WD255U	176
VMBP61AS	NLA (02/10)	VL-E720U/E750/E750U	164	VL-WD450U/WD650U	176
		VL-E760/E760U/E765/E765U	164	VL-Z1U/Z3U/Z5U/Z7U	229
		VL-E780U/E785U	164	WD-250U/450U/650U	164
		VL-E850/E980U	164	Battery to Empire Battery #	
SELECO		VL-FD1/FD1U	196 (NLA)	AD-S30BT/S31BT	207
Model to Empire Battery #		VL-400	109	AD-T50BT/T51BT	207
SVM-7000	110	VL-H9E	109	BT-5C	108
SHARP		VL-H47U	156	BT-20	112C
Model to Empire Battery #		VL-H80DU/H95	164	BT-21/22	115
AC-2000	110	VL-H400U	109*	BT-30N	146
AD-M20BT	187	VL-H410/H410U/H420/H420U	164	BT-51/52	110
AD-MS10BT	191	VL-H450/H450U	156	BT-70	109
AD-S30BT/S31BT	207	VL-H500/H520/H520U	156	BT-71/72	110
AD-T50BT/T51BT	207	VL-H550/H550U	156	BT-73	108
MD-MS702MK/MS722	207	VL-H700/H800/H800U	164	BT-75/76	110
MD-MT821GL	207	VL-H810U	156	BT-77	109
MS-S10BK	187	VL-H850/H850U	164	BT-80/80BKP	159-4S
QC-50	110	VL-H860/H860U	176	BT-BH70U/BH85U	109
SLIMCAM	146	VL-H870/H870U/H875/H875U	176	BT-C4	108
VC-20/250	110	VL-H880/H880U	176	BT-C20	112C
VC-C10U	112C	VL-H890/H890U/H950U	176	BT-H11U	158
VC-C20UA	115	VL-HL50	156	BT-H21U/H22U/H32U/H42U	164
VC-C50/C50UA/C500A	110	VL-HL100U	109	BT-L1U/L2U	156
VIEWCAM Z	229	VL-L10/L10U	115	BT-L1U/L2U/L11U/L12U	156
VL-50/60/62U/63U/64U	146	VL-L30U	146	BT-L43U	179
VL-73/74UA	108	VL-L40U	109	BT-L44U	178
VL-100UP	109	VL-L50/L50U	146	BT-L221	177
VL-780H/780S/780X	110	VL-L60U/L62U/L63U	146	BT-L221U	176
VL-A10U/A110U/111U/150U	164	VL-L64U/L65U/L72U	146	BT-L223U	196(NLA)
VL-A160U/260U	164	VL-L80U/L80UA	115	BT-L225U	205
VL-AD260U	176	VL-L94U/L95U	146	BT-L226U	229
VL-AH30U/AH50U/AH60U	164	VL-L133	158	BT-L241/L241U/L441/L441U	176
VL-AH130U/AH131U	164	VL-L150U/L170U/L175/L175U	115	BT-L445U	205
VL-AH150U/AH151U	164	VL-L180U/L210U	115	BT-LS222U/LS242U	214
VL-AH160U/AH161U	164	VL-L240U	146	BT-N1U/N11U	158
VL-AH500U/1500/1510	164	VL-L250U	115	VB-BL5	156
VL-AX1H	176	VL-L270U/L270U/L280/L285U	115	VR-BL71	156
VL-C2/C65	108	VL-L290/L290U	146	VR-BL74	196
VL-C72UA	110	VL-L310U/L330U	115	VR-BL75/BL81	156
VL-C73U/C74UA/C77UA	108				

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

SIEMENS		SONY (CONT'D)		SONY (CONT'D)	
FA-108-4	103	CCD-TR205	109	CCD-TRV408/TRV408E	180C
FA-114/118/122/126	109	CCD-TR215/280PK/290PK/300	153C	CCD-TRV416	153C
SONY		SONY (CONT'D)		SONY (CONT'D)	
Model to Empire Battery #		CCD-TR311E/315/315E/317	153C	CCD-TRV418/418E/428/428E	180C
AC-VQ11	173	CCD-TR380/TR385E/TR400	109	CCD-TRV428E/TRV438E	180C
AC-VQ/H10/P10	246C	CCD-TR408E	180C	CCD-TRV512	109
BC-L100CE	250	CCD-TR411E/412E/413/414	153C	CCD-TRV517	153C
BETA-CAM	114	CCD-TR415E/416/417/417E	153C	CCD-TRV608	180C
BC-TR1	247C	CCD-TR425E/427/427E/500	153C	CCD-TRV615/620/715/716/720	153C
BC-V500/V615	153C	CCD-TR505K/TR514	109	CCD-TRV728	153C
BKW-L601/2	250	CCD-TR511/511E/512E/515E	153C	CCD-TRV730/740/748E	180C
BVP-5/7/50/70/90	250	CCD-TR516/516E/517/555/610	153C	CCD-TRV815/TRV900	153C
BVP-550W/BVV-5/DNV-5	250	CCD-TR600/TR614	109	CCD-TRV911	109
BVV-200/300/400/400A/400P	250	CCD-TR617/617E/618/618E	153C	CCD-TRV930/940	153C
BVV-505/507/550/570/590	250	CCD-TR640E/710/713E/716	153C	CCD-TRV3000	153C
BVV-D600	250	CCD-TR700/705/705E/714	109	CCD-V1/V3	103
CCD-20061	109	CCD-TR717/717E/718/718E	153C	CCD-V4	109
CCD-CR1	173*	CCD-TR728/728E/730E/760E	153C	CCD-V5/V7/V7F/V8/V8AFU	103
CCD-CR1E	173C	CCD-TR748	180C	CCD-V9/V11/V22	109
CCD-F30/33/34/35/36/38/40/45	109	CCD-TR805E/TR814	109	CCD-V30/V35/V50E/V50F	103
CCD-F46/50/55/56/70/77	109	CCD-TR810E/818/840E/845E	153C	CCD-V88/V90/V95E/V99	109
CCD-F150/201/250/280/301	109	CCD-TR880E/TR900	109	CCD-V101	109
CCD-F302/330/335/340/350	109	CCD-TR910/913E/918E	153C	CCD-V100/V110/V200/V220	103
CCD-F355E/370/375E/380/401	109	CCD-TR916	109	CCD-V700E/V701	109
CCD-F402/450/455E/500/501	109	CCD-TR917/930/940/950E	153C	CCD-V800/800E/801/801E	109
CCD-F550/F555E	109	CCD-TR1100E/2200E/2300	153C	CCD-V900/V5000/V5000E	109
CCD-FX3	109	CCR-TR2300E/3000	153C	CCD-VD1	103
CCD-FX228/FX230/FX280E	109	CCD-TR3000E	109	CCD-VX3	109
CCD-FX310/FX311/FX330	109	CCD-TR3100E/TR3200E	153C	CRX10U	153C
CCD-FX400/FX410/FX420	109	CCD-TR3300/TR3300E	153C	CVX-V18NS/V18NSP	153C
CCD-FX500/FX510/FX511	109	CCD-TRV4/TRV5/TRV9	153C	D-V500	153C
CCD-FX520/FX530	109	CCD-TRV11/TRV12	109	DCM-M1	153-1.5C*
CCD-FX620/FX630	109	CCD-TRV15/TRV16/TRV16E	153C	DCR-30	246C
CCD-FX710/FX730V	109	CCD-TRV19/TRV21/TRV22	109	DCR-DVD7	263
CCD-FX810/FX830VE	109	CCD-TRV20	180C	DCR-DVD91/91E	180C
CCD-G100ST	109	CCD-TRV22	109	DCR-DVD92/92E	246C
CCD-GV200/GV500	109	CCD-TRV25/TRV27E	153C	DCR-DVD100/100E/101/101E	180C
CCD-M7U	109	CCD-TRV29/30/32/33	109	DCR-DVD103/105	246C
CCD-M8E/8EK/8U/9U/10	103	CCD-TRV35/36/37/37E	153C	DCR-DVD106/108/109/110	308
CCD-RV100/RV200	153C	CCD-TRV40	109	DCR-DVD115/304/306/310	308
CCD-SC5/SC5E/SC6	153C	CCD-TRV41/43/45K/46/46E/47	153C	DCR-DVD200/200E/201/201E	180C
CCD-SC6E/SC8E	109	CCD-TRV47E/48/48E/49/51	153C	DCR-DVD202E/203/203E	246C
CCD-SC7/SC7E/SC9	153C	CCD-TRV52/TRV53	109	DCR-DVD404/406/410/450	308
CCD-SC55/55E/65	153C	CCD-TRV54E/55/56E/57/57E	153C	DCR-DVD505	308
CCD-SP5/SP5G/SP5Y	109	CCD-TRV58/59/59E/61E	153C	DCR-DVD610/710/810/910	308
CCD-SP7/SP9	109	CCD-TRV62/63/64E	153C	DCR-DVD203KIT1/205	246C
CCD-TR1/TR1E/TR2/TR3	153C	CCD-TRV65/65E/66/66E/66K	153C	DCR-DVD300/301	180C
CCD-TR4/TR5/TR6	109	CCD-TRV67/67E/68/71/72/75	153C	DCR-DVD305/403/403E/405	246C
CCD-TR7/TR8/TR9	109	CCD-TRV78/78E/80PK/81/82	153C	DCR-DVD308/408/508/608	308
CCD-TR11/TR12/TR18/TR18E	153C	CCD-TRV85/85K/86PK/87/87E	153C	DCR-DVD650/850	308
CCD-TR21/TR23	109	CCD-TRV88/90/91/91E/92/93	153C	DCR-DVD505/602/605/653	308
CCD-TR30/TR31/TR33/TR36	109	CCD-TRV93/93E/94E	153C	DCR-DVD703/705/708/755	308
CCD-TR40/TR45/TR44	109	CCD-TRV95/95E/95K	153C	DCR-DVD803/805/808/905/908	308
CCD-TR50/TR50E	109	CCD-TRV96K	180C	DCR-HC14/14E/15/15E	180C
CCD-TR54/TR55/TR56	109	CCD-TRV98/98E/99/101	153C	DCR-HC16/16E/17/17E	246C
CCD-TR57	153C	CCD-TRV106K/107/108/108E	180C	DCR-HC18/18E/19E	246C
CCD-TR61/TR64/TR65TR66	109	CCD-TRV112	109	DCR-HC20/21/26/30	308
CCD-TR67	153C	CCD-TRV116/TRV118	180C	DCR-HC23/22/24/26/27/29	246C
CCD-TR70/72/74/75/75BR	109	CCD-TRV119	109	DCR-HC30/35/37/39/44/45	246C
CCD-TR76	153C	CCD-TRV126/128/138	180C	DCR-HC30E/30G/30L/30S	246C
CCD-TR78/TR81/TR82/TR83	109	CCD-TRV201	153C	DCR-HC47/53/62/94	246C
CCD-TR84/TR86	109	CCD-TRV208/208E	180C	DCR-HC32/32E/33E/36/39E	308
CCD-TR87	153C	CCD-TRV211/TRV212	109	DCR-HC40/43/46	308
CCD-TR88/91/93/94/96	109	CCD-TRV215	153C	DCR-HC41/42/42E	246C
CCD-TR97	153C	CCD-TRV218/TRV218E	180C	DCR-HC65/85/85E/96	308
CCD-TR98/99/100/101C	109	CCD-TRV228/228E/238/238E	180C	DCR-HC28/38/48/52/54/62	308
CCD-TR105/105E/112/150	109	CCD-TRV312	109	DCR-HC88	180C
CCD-TR200	153C*	CCD-TRV315	153C	DCR-HC90	263-1
		CCD-TRV308/318/328/338	180C	DCR-HC96	308

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

SONY (CONT'D)		SONY (CONT'D)		SONY (CONT'D)	
DCR-HC1000/1000E	209C	DCR-TRV245/245E/250/250E	180C	DSC-P100PP/P100R/P100S	253C
DCR-IP1/1P1E/1P1K/1P5/1P5E	209C	DCR-TRV255/255E/260	180C	DSC-P120/P150/P150B	253C
DCR-IP7/1P7BT/1P7E	209C	DCR-TRV265/265E/270E/280	180C	DSC-P150L/P150LJ/P150S	253C
DCR-IP45/45E/55/55E	209C	DCR-TRV285E/300K/310	180C	DSC-P200/P200B/P200R	253C
DCR-IP200K/210/210E	209C	DCR-TRV310E/310K/315	153C	DSC-P200S	253C
DCR-IP220/220BT/220E/220K	209C	DCR-TRV318	180C	DSC-R1	180C
DCR-PC1/PC1E/PC2/PC2E	173C	DCR-TRV320/320E	153C	DSC-S30/S50/S70/S75/S85	180C*
DCR-PC3/PC3E/PC4/PC4E	173C	DCR-TRV325/330/330E/338	180C	DSC-S950/S980	351
DCR-PC5/PC5E	173C	DCR-TRV340/340E/345/345E	180C	DSC-S750/780	287
DCR-PC6/PC6E	180C	DCR-TRV350/355/355E/360	180C	DSC-T2	334
DCR-PC8/PC8E/PC9/PC9E	180C	DCR-TRV420E	153C	DSC-T3	153C
DCR-PC7/PC10	163	DCR-TRV430E/460/460E	180C	DSC-T1/3B/3S/5/5B/5N/5R/5S	247C
DCR-PC55/55B/55R/55S/55W	263	DCR-TRV480/480E	180C	DSC-T7/T7B/T7S	274
DCR-PC100/101/101E/101K	180C	DCR-TRV510/520/520E/525	153C	DSC-T9	147C
DCR-PC103/103E/104/104E	180C	DCR-TRV530/530E	180C	DSC-T10/T10B/T10W/T11	247C
DCR-PC105/105E/105K	180C	DCR-TRV620E/620K/720/720E	153C	DSC-T20/20B/20W/20P	287
DCR-PC106/106E/107/107E	209C	DCR-TRV725/730/730E	180C	DSC-T30/T50/T50B	253C
DCR-PC108E/109/109E	209C	DCR-TRV735K	153C	DSC-T33	247C
DCR-PC110/110E/115/115E	180C	DCR-TRV738/738E/740/740E	180C	DSC-T70/T77/T90	334
DCR-PC120/120BT/120E	180C	DCR-TRV820/820E/820K	153C	DSC-T99/T110	379
DCR-PC300K/330/330E	180C	DCR-TRV828/828E/830/830E	180C	DSC-T100/100R	287
DCR-PC350/PC350E	209C	DCR-TRV840	180C	DSC-T200/300/500/700/900	334
DCR-PC1000	263	DCR-TRV900/900E/935K	153C	DSC-TX1	334
DCR-R1	180C	DCR-TRV940E/950/950E	180C	DSC-TX5/TX7/TX9/TX10	379
DCR-SC100	153-1.5C	DCR-TV900/TV900E	153C	DSC-TX55/TX100V	379
DCR-SR30/32/33/35/36/37/38	308	DCR-VX700/1000/1000E/2000	153C	DSC-V1	206C*
DCR-SR40/42/45/46/50/52/55	308	DCR-VX2000E/2100/2100E	153C	DSC-V3	253C
DCR-SR57/60/62/65/67/70/72	308	DCR-VX9000	153C	DSC-W30/35/40/50/55/60/70/75	287
DCR-SR75/77/80/82/82C/85/87	308	DEV-3/5	380-2C	DSC-W80/90/100/100B/110/120	287
DCR-SR90/100/190/200/220	308	DEV-5	380-4C	DSC-W130/150/170/200/210	287
DCR-SR220D/290/300/300C	308	DIGITAL MINI DISC	215	DSC-W180/190/370	351
DCR-SR58/68/78/88	380C	DKC-1D	153-1.5C*	DSC-W220/230/270/290/300	287
DCR-SX34/44/53/63/83	380C	DKC-FP3	153C	DSC-W310/330/350/360	379
DCR-SX30/31/37/40/41/50/60	308	DNW-7/7P/9WS/90/90WS	250	DSC-W380/390	379
DCR-SX45/SX65/SX85	380C	DNW-A25P/WS/WSP	250	DSC-W510/530/560/570	379
DCR-SX45/SX65/SX85	380-2C	DNW-A28/28P		DSC-WX1/WX10	287
DCR-SX45/SX65/SX85	380-4C	DNW-9WSP/90WSP	250	DSC-WX5/WX9	379
DCR-TR7000/7000E/7100E	153C	DSC-750/780	351	DSLR-A33	395
DCR-TR8000E/8100E	153C	DSC-A700	NYA	DSLR-A100/200/300/350/500/550	180G
DCR-TRU47E	153C	DSC-CD250/CD400	153-1.5C*	DSLR-A560/580/700/850/900	180G
DCR-TRV1VE	173C	DSC-D700/D770	153C	DSLR-A230/290/330/380/390	308C
DCR-TRV6/TRV6E	180C	DSC-F1/F2	185	DSP-P1	173C*
DCR-TRV5/TRV7/TRV9	153C	DSC-F55/F55DX/F55K/F55V	173C	DSR-1/130/130P	114
DCR-TRV8/TRV8K	180C	DSC-F77	180C	DSR-200	153C
DCR-TRV10/10E/11/11E	180C	DSC-F77A	206C	DSR-250/250P	250
DCR-TRV12/12E/14/14E	180C	DSC-F88	253C	DSR-300/A/AP/F/K/L/P/PF/PK/PL	250
CDR-TRV15/15E/16/16E	180C	DSC-F505/F505K/F505V	173C*	DSR-370K1/K2/L/P/PK1/PK2	250
DCR-TRV17/17E/17K	180C	DSC-F707/F717/F828	180C*	DSR-390/K1/K2/L/P	250
DCR-TRV18/18E/18K	180C	DSC-FV505	173C*	DSR-400/K/L/P/PK/PL	250
DCR-TRV19/19E/20/20E	180C	DSC-FX77	180C	DSR-450WS/WSL/WSP/WSPL	250
DCR-TRV22/22E/22K/23	180C	DSC-G1	253C	DSR-500WS/WSL/WSP/WSPL	250
DCR-TRV24/24E/25/25E	180C	DSC-G3	334	DSR-570WS/WSL/WSP/WSPL/2	250
DCR-TRV27/27E/30/30E	180C	DSC-H3/H5/H7/H7B/H9/H9B	287	DSR-600PL/650WSPL	250
DCR-TRV33/33E/33K/38/39	180C	DSC-H10/H20/H20B/H50/H55	287	DSR-70/A/AP	
DCR-TRV40/40E/50/50E	180C	DSC-H70	287	DSR-PD1	163
DCR-TRV49E/TRV58E	153C	DSC-HX1	308	DSR-PD100/100A/100AP/100P	153C
DCR-TRV60/60E/70/70K	180C	DSC-HX5V/N1/N2	287	DSR-PD150/170/170P	153C
DCR-TRV75/75E/80/80E	180C	DSC-HX7V/HX9V	287	DSR-PD150P/PDX10/PDX10P	180C
DCR-TRV103/110/110E/110K	153C	DSC-HX100V	308C	DSR-V10/V10P	153C
DCR-TRV116/116E/118/118E	180C	DSC-L1/L1B/L1R/L1S/L1W/M1	247C	DVW-7/707/707P	250
DCR-TRV120/120E/125E	153C	DSC-M2	253C	DVW-709/WS/790WS/WSP	250
DCR-TRV130/130E	153C	DSC-N1/N2	287	DVW-90/90WS/970/970P/970WS	250
DCR-TRV138/140/140E/140U	180C	DSC-P1	173C	DXC-637/3000	114
DCR-TRV145/145E	180C	DSC-P2/3/5/7/8/9/10	206C*	DXC-D30/D35/D35L/D35P	250
DCR-TRV203/210/210E/220K	153C	DSC-P8L/8R/8S/9/10L/10S	206C	DXC-D35PL/D35WS/D35WSP	250
DCR-TRV230/230E/235E	180C	DSC-P12	180C	DXC-D35WSPL/D50/D50H	250
DCR-TRV238/238E/239	180C	DSC-P20/P30/50/70	173C*	DXC-D50K/L/P/PH/PK/PL/WS	250
DCR-TRV240/240E/240K	180C	DSC-P100/P100L/P100LJ	253C	DXC-D50WHS/WSL/WSP/WSPL	250

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

SONY (CONT'D)		SONY (CONT'D)		SONY (CONT'D)	
DXC-M2A/M3A	250	MVC-5000	109	NP-FC10	206C
ED-CAM	114	MVC-CD200/CD250/CD300	180C*	NP-FC11	206C
EDC-50	114	MVC-CD350/CD400/CD500	180C*	NP-FD1	334
EV-P10	103	MVC-CD1000/FD5/FD7/FD51	153-1.5C*	NP-FE1	274
EVC-8/10	103	MVC-FD71/FD73/FD75	153-1.5C*	NP-FF50/51/51S/70/71	209C
EVC-X7	109	MVC-FD73K/83K/88K	153C	NP-FG1	287
EVO-250	153C	MVC-FD81/83/85/87/88/90/91	153-1.5C*	NP-FH30/40/50/60/70/90/100	308
EVO-9100	109	MVC-FD92/95/97	153-1.5C*	NP-FM30/FM50/FM55/FM70	180C
EVW-300L	114	MVC-FD100/FD200	153-1.5C*	NP-FM90/FM91	180C
GRD 750US	173	MVC-FDR1/R1E/R3/R3E	153C	NP-FM500H	180G
GV-8/9/9E/100/300/500	109	NEX-3/5/5N/7	395	NP-FP30/FP50/FP70/	246C
GV-A100/A500/A500E/A700	153C	NEX-C3	395	NP-FP71/FP90	246C
GV-D200/D300/D800/D900	153C	NEX-VG10/VG20	380-4C	NP-FQM71/FQM91	180C
GV-D1000	180C*	PAK-7	103	NP-FS10/FS12/FS22/FS32	173C
GV-U5/U5K	109	PBD-D50/V30	153C	NP-FS11/FS21/FS31	173C
GVH-D700	153C	PCR-TRV7	173C	NP-FR1	253C
HCR-HC21/HC33/HC43	246C	PLM-50/100/A35/A55	153C	NP-FT1	247C
HCR-UX5/UX7	308	PMW-EX1	346(NYA)	NP-FV30/50/70/100	380C
HDC-930	250	PVM-8040/8041Q/8044Q/8045C	292	NP-FW50	395
HDR-AX2000	153C	PVM-9041Q/9044Q	292	NP-QM71/QM71D/QM91/QM91D	180C
HDR-CX6/7/11/12/100/105	308	PVV-3/637	114	NPA-55	103
HDR-CX106/500V/520V	308	Q002-HDR1	153C	NPE-BP36	103
HDR-CX110/115/116/150/300	380C	SL-2000/2005	114	PVM-9044Q/9041Q	292
HDR-CX160/B	380C	SLF-1	114	SUNPAK	
HDR-CX160/B	380-2C	SLO-340	114	Model to Empire Battery #	
HDR-CX160/B	380-4C	SLT-A33/A35/A55	395	SV8	118
HDR-CX305/350V/505/550V	380C	SLT-A65/A77	180G	SV10, SV11	109
HDR-CX130/360/560	380C	TR-670E/V70E	109	SYLVANIA	
HDR-CX130/360/560	380-2C	UPX-2000	153C	Model to Empire Battery #	
HDR-CX130/360/560	380-4C	UPX-C21	153C	VC4511SL01, VC4512SL01	100C
HDR-CX360V/560V/700/700V	380C	VCL-ES06A	153C	VC4513SL01, VC4514SL	100C
HDR-CX360V/560V/700/700V	380-2C	VO-6800	114	VC4515SL01	100C
HDR-CX360V/560V/700/700V	380-4C	WATCHMAN	109	VC4520, VC4525SL01	100C
HDR-DVD508/650	380C	XV-M30/MH30	109	VC4526, VC4527SL01	100C
HDR-FX1/FX1E/FX7/FX1000	153C	Battery to Empire Battery #		VC4530	100C
HDR-HC1	180C	BP-2X/2EX	215	VC4530BK01	101C
HDR-HC3/5/7/9/28/38	308	BP-GL65/GL95/IL75	250	VC4540SL01	100C
HDR-PJ30/50	380C	BP-L40/40A/60/60A/60S/65H	250	VC4545, VC4546	100C
HDR-PJ30/50	380-2C	BP-L90/90A	250	VCC140SL01/ VCC150	112C
HDR-PJ30/50	380-4C	BP-U30/U60	346(NYA)	VCC145	110
HDR-PJ10/10V/130V/150V	380C	EB-55	109	VCC151, VCC151AV01	100C
HDR-PJ10/10V/130V/150V	380-2C	HL-45/57/59/59W	292	VCC152	100C
HDR-PJ10/10V/130V/150V	380-4C	LIP-8	184	VCC155	110
HDR-S1/SK/SR1/UX1	180C	LIP-10/10B	185	VCC157, VCC159	100C
HDR-SR5/5C/7/8/9/10/10D/11/12	308	LIP-12/12H	186	VCC161	100C
HDR-TD10	380C	NP-1/1A/1B/1H/1SB/23	114	VCC165	110
HDR-TD10	380-2C	NP-22/22H	103	VKC210, VKC221	130C
HDR-TD10	380-4C	NP-33/55/55H	109	VKC242	100C
HDR-TG1/TG5V	308	NP-60D/66/66H/68/77/77H	109	VLC218, VLC225	130C
HDR-UX3/5/7/9/10/19/20/40	308	NP-80/80D/88	109	VMC226	130C
HDR-XR100/105/106/200V	308	NP-90/98/98D/99	109	VMC260	150
HDR-XR150/155/350V/550V	380C	NP-500/510/520/530	153C	Battery to Empire Battery #	
HDR-XR160	380C	NP-720/730/930	153C	AR8378BK01	100C
HDR-XR160	380-2C	NP-BD1	334	AR8395BK01	100C
HDR-XR160	380-4C	NP-BG1	287	SC2154	101C
HDR-XR500V/520V	308	NP-BK1	351	V80039BK01	100C
HDW-700A/750/F900	114	NP-BN1	379	V80076BK01, V80085BK01	110
HVL-10DC	173	NP-F10/F20/F30	173	V80086BK01	100C
HVL-20DW2	153C	NP-F100/F200/F300	163	V80096BK01	130C
HVL-IRM/ML20M	180C	NP-F330/F500/F530	153C	V80115BK01, V80016BK01	150
HVR-A1U	180C	NP-F550/F550J/F570	153C	VE550UE	101C
HVR-M10C/10E/10N/10P/10U	153C	NP-F730/F730H	153-3.2C	VSBS0016	130C
HVR-V1U/Z1C/Z1U/Z5U/Z7U	153C	NP-F750/F750SP/F760/F770	153C	TAMRON	
KV-5300	114	NP-F930/F950/F960	153C	Model to Empire Battery #	
MHS-CM5/PM1/PM5	351	NP-F970	153-6.6C	C-8100	109
MICRO MV	209	NP-FA50	263	CX-7MU	109
MPK-DVF4	153C	NP-FA70	263-1	Battery to Empire Battery #	
MPK-M8	103			NP-55/55H/60D/77/77H	109

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

TECHNIKA (CONT'D)		TOSHIBA		ZENITH (CONT'D)	
Model to Empire Battery #		NP-80	183	VM-6300	110
C-5000	112C	NP-100	174	VM-6400	150
C-5010/6000/6010/7000	100C	PDR-BT1/BT1A/BT2/BT2A	183	VM-6500	110
C-7500	110	PDR-BT3	203	VM-6700C	150
CX-700/711	100C	PDR-BT9	207	VM-7030/7050	110
CX-751/757	110	TBP-7U/8U/9U	110	VM-7060	NLA (02/10)
CX-811	100C	TBP-100	114	VM-7065	NLA (02/10)
CX-911	104	TBP-120	110	VM-7070	110
CX-921	130C	VIVITAR		VM-7076	NLA (02/10)
CX-971S	100C	Model to Empire Battery #		VM-7130/7150/7170	110
Battery to Empire Battery #		MAGIC 8	103	VM-7500	110
CB-520	112C	MAGIC VHS	104	VM-8000	109
CB-620	100C	TRAVELER DC8300, DC8600	315	VM-8300	110
CB-752	110	VM-8350	103	VMC-450	150
CB-812	100C	VM-9350	104	VMG-100/200	110
CB-911	104	6330s	324	VPM-1000	110
CB-920	130C	7500I	222	VR-9500/9800/9850	114
TELEFUNKEN		8300s, 8330, 8600	315	Battery to Empire Battery #	
Model to Empire Battery #		VIVI CAM 4000	203	NP-22/22H	103
A-858P/885P/895P/890	110	X-30	315	VAC-110	150
A-2000P	110	X-60	315	VAC-402/403/415/445	110
VM-4000/4100/4200/4300	110	Battery to Empire Battery #		VAC-560	150
VR-289	110	NP-22/22H	103	VAC-620/645/690	110
VR-1890/2890/2891	110	02491-0028-00	315	VAC-695	NLA (02/10)
VR-2892	110	02491-0045-01	315	VAC-790/791	110
Battery to Empire Battery #		02491-0057-00	324	VAC-795	NLA (02/10)
VZ-925/926/933	110	WARDS		VAC-900	103
THOMSON		Model to Empire Battery #		VAC-901	104
Model to Empire Battery #		10650, 10651, 10652	100C	VAC-902	118
CRV-04P/05	110	10655	108	VAC-903	115
CVM-01P	110	10687	100C	VAC-904	143
VM-30	110	SIGNATURE	108	VAC-905	100C
TOSHIBA		SIGNATURE 2000	130C	VAC-906	109
Model to Empire Battery #		UBATN0018GEZZ	108	VAC-907	130C
3D-CAM	110	YASHICA		VAC-8045/8050	109
151	100C	Model to Empire Battery #		VRB-9851	114
AI-33AFK/420P	110	DSC-F707	180		
CAMILEO H10	203	DSC-P1	173C*		
CAMILEO H30	228	DSC-S75/S85	180		
CAMILEO X100	228	FINECAM 3L	207		
DC-5080	269	FINECAM S3/S3L/S3R/S3X	207		
DC-5300/6300	203	FINECAM S4/S5/S5R	207		
DC-8300/8600	315	KD-200K/1100U	103		
DC-XZ6	315	KD-1700	109		
DV-5000/5070	203	KD-5010/5050/5820	109		
GIGASHOT V10	322	KD-H130/H150/H170	109		
GSC-A40F/A100F/K80H	340	KD-M710/M770	109		
GSC-R30/R60	313	KD-S820	113		
HD-10X	203	KX-35U	109		
IK-2200	110	KX-70/70E/77	109		
PDR-5300	203	KX-90/90E/95/95U	109		
PDR-M3	174	KX-H1	109		
PDR-M4/M5/M60/M70	183	KX-V1U	153C		
PDR-T30	203	MICRO ELITE 3300	183		
PDR-3010/3310	207	SL-300R	245		
SK-3D5/3D7	110	Battery to Empire Battery #			
SK-40/50P/57/60/70/80	110	BAP-100	103		
SK-S80U/S90U	110	BP-150/170	109		
V-8030T/9035	114	BP-780S	245		
X-4/5/6/S7	269	BP-800S/880S/900S/1000S	207		
Battery to Empire Battery #		BP-1100R	183		
GSC-BT5	313	BP-1501/1502/1550	109		
GSC-BT6, 7	340	BP-V1	153C		
MEHBT4	322	ZENITH			
Model to Empire Battery #		Model to Empire Battery #			
HQ-800	110	HQ-800	110		
VM-5000/6000/6100	110	VM-5000/6000/6100	110		
VM-6150/6175/6180/6190/6200	110	VM-6150/6175/6180/6190/6200	110		

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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 distribution warehouses in Illinois and 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.

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