



# CROSS-REFERENCE GUIDE

## PORTABLE VCR/CAMCORDER

## DIGITAL CAMERA/DIGITAL VIDEO DISC

## REPLACEMENT BATTERIES

May 2008



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

EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

AIPTEK		CANON (CONT'D)		CANON (CONT'D)	
<b>Model to Empire Battery #</b>		DIGITAL 50/40	256	IXUS-200a/300a/320	198
DZO	203	DIGITAL REBEL XT/Xti	204	IXUS-300/330	194
DZO-V38	248	DM-MV30/100X/100Xi	193	IXUS-400/430/500	198
<b>Battery to Empire Battery #</b>		DM-MV400/430/450	193	IXUS-700/750	233
DZO-V58N	203	E-06/07/08/09/20/30/40/50/51	118	IXUS i ZOOM/IXUS Wireless	256
<b>AIWA</b>		E-53/5760/61/63/65/66/67	118	IXUS i5, IXUS IIs	233
<b>Model to Empire Battery #</b>		E-70/77/80/90/210/230/250	118	IXUS-v/v2/v3/VII	198
CV-50/60/80, VF-80	103	E-350/440/460/520	118	IXY-DV3/DV5	204
<b>Battery to Empire Battery #</b>		E-640/660/700/708/800/808	118	IXY-DVM	193
NP-22	103	ELURA	169	IXY-DVM3	204
<b>AKAI</b>		ELURA 2, 2MC, 10, 20MC	199	IXY-DVM5	280
<b>Model to Empire Battery #</b>		ELURA 40MC,50,60,65,70	204	J10/J100	118
PVC-4/8/8S/100E	110	ELURA 80, 85, 90	204	L1, L2	132
<b>Battery to Empire Battery #</b>		ELURA 100	279	LX-100	132
BPN100/800	110	EOS-1D/1D Mark II/Mark II N	252	MV3/3MC/3i/3iMC/4/4iMC	199
<b>BAUER-BOSCH</b>		EOS-1DS/1DS Mark II	252	MV5/MV5i/MV5iMC/MV6iMC	204
<b>Model to Empire Battery #</b>		EOS-5D/10/10D/10Da/10Ds	193	MV20/MV20i	169
VCC-306/506	104	EOS-20D/20Da/30D/300D	193	MV30/MV30i	193
VCC-326	107	EOS-40D	193	MV200/MV200i	161
VCC-400	112C	EOS-350D/Kiss Digital N	204	MV100	169
VCC-516/526/550	100C	EOS-D30/D60	193*	MV-300/400/400i/430	193
VCC-606AF/610/616AF	110	EOS-Digital Rebel/Kiss Digital	193	MV-430i/430iMC/450/450i	193
VCC-651	150	EOS-REBEL/10D	193*	MV-500/500i/530/530i/550/550i	193
VCC-656/660AF	110	EOS-REBELXSI	350	MV-600/600i/630i/650i	193
VCC-806/816AH/826	107	EOS-REBEL XT	204	MV-700/700i/730i/750i	193
VRP-30	100C	EOS-400D	204	MV-800/830/830i/850i/880X	204
<b>Battery to Empire Battery #</b>		EOS-450D	350	MVX1/MVX1i/MVX2i/MVX3i	193
BA20	101C	EQ-350	118	MVX4i	280*
BA32-1	100C	ES-10V/20V/40/70	118	MVX10i	199
BA400	112C	ES-50/55/60/65/75	161	MVX20i/25i/30i/35i/40/45i	204
BA600/601	110	ES-80/90/100/170/180/190	118	MVX100i/150i	193
BA800	107	ES-200/200A/270/280/290	118	MVX200/200i/250i/300/330i/350i	204
<b>BELL &amp; HOWELL</b>		ES-300/400/400V/500	118	MVXLi	193
<b>Model to Empire Battery #</b>		ES-300V/410V/420V	161	OPTURA	161*
BH-725	248	ES-520/520A	161	OPTURA 10, 20	193
JMJ-20910	150	ES-550/600/750/800/870/900	118	OPTURA 30, 40, 50, 60	204
JSJ-20900	146	ES-970/1000/2000/2500/3000	118	OPTURA 50MC,100MC,200MC	193
<b>Battery to Empire Battery #</b>		ES-4000/5000/6000/6500	161	OPTURA 300/300MC	199
64324217	150	ES-6500V/7000/7000V/8000	161	OPTURA 400, 500	204
HELIX HLX-U02	248	ES-8000V/8100V/8200V	161	OPTURA 600	280
<b>BEN Q</b>		ES-8400V/8600/8600V	161	OPTURA D74b, PI, Xi	193
<b>Model to Empire Battery #</b>		EX-1	118	OPTURA PI MiniDV	193
DC E43, DC E53	269	F-1000S	100C	OPTURA S1	279
<b>Battery to Empire Battery #</b>		FR-1	161	PC1018	204
NP-900, 02491-0015-00	269	FS10*/11*/100*	338(NYA)	POWERSHOT 520	194
<b>BLAUPUNKT</b>		FV-2/10/20/30/40/50	193	POWERSHOT A5/A5 ZOOM/A50	194
<b>Model to Empire Battery #</b>		FV-100/200/300/400	193	POWERSHOT A80	233
CR-1500/1800/2000S	100C	FV500	204	POWERSHOT D350	194
CR-4800/5000/6000	110	FVM1/10	193	POWERSHOT G1/G2/G3/G5/G6	193
CR-8000/8010/8080	107	FVM20/FVM30	204	POWERSHOT G7/G9	204
PTV-260	100C	FVM100/100 KIT/200	204	POWERSHOT PRO90/PRO90 IS	193
PTV8-77	109	G1, G2, G3, G4, G5, G6	193*	POWERSHOT S10/20	194
<b>Battery to Empire Battery #</b>		G10Hi/G15Hi/G20Hi	161	POWERSHOT S30/S40/S45	204
AX-77/80	109	G30Hi/G35Hi/G45Hi	161	POWERSHOT S50/D60/S60/S70	204
<b>CANON</b>		G1000/G1500/G2000	161	POWERSHOT D80	204
<b>Model to Empire Battery #</b>		GL1, GL2	161	POWERSHOT S100 /S110	198
7084A001/7084A002	252	H-440/460/480/520	118	POWERSHOT S200/S230	198
A-1, A-1.MARK II	132	H-640/660/680/800/850	118	POWERSHOT S300/S330/S400	198
A-2/10	118	H18 A1	132	POWERSHOT S410/S430/S500	198
A-5/50/520	194	HG-10	204	POWERSHOT SD10/20	233
BG-E4	193	HR-10	279	POWERSHOT SD30/SD40	256
CR-30A, CV-T60/65/70	100C	HV-10	280	POWERSHOT SD100	233
D30, D60	193	HV-20/30	204	POWERSHOT SD200/SD300	256
DC10/20/22/40/50/51/100	279	IXUS-85IS	348	POWERSHOT SD400/430/450	256
DC/210/220/230	279	IXUSi, IXUS II	233	POWERSHOT SD500/SD550	233
DC310/320/330	204	IXUS-30/40	256	POWERSHOT SD600/SD630	256

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### EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

CANON (CONT'D)		CANON (CONT'D)		CONCORD	
POWERSHOT SD750/850	256	ES-410	161	<b>Model to Empire Battery #</b>	
POWERSHOT SD750S/1000	256	LP-E5	350	DV2020	203
POWERSHOT SD700IS/800IS	297	NB-1L/1LH	198	<b>Battery to Empire Battery #</b>	
POWERSHOT SD770IS	348	NB-2JH/2L/2LH	204	LP37	203
POWERSHOT SD850IS/870IS	297	NB-3L	233	<b>CONTAX</b>	
POWERSHOT SD890IS	297	NB-4L	256	<b>Model to Empire Battery #</b>	
POWERSHOT SD900/950IS	297	NB-5H	194	i4R	264
POWERSHOT SD1100IS	256	NB-5L	297	U4R, U4RB, U4RBK	276
POWERSHOT TX1	256	NB-6L	348	<b>Battery to Empire Battery #</b>	
PRO1, PRO90IS, PV130	193	NB-6N	NYA	BP760S	264
SD 1000	256	NP-E3	252	BP1100S	276
UC-1/10/20/8000/8500/9500	118	<b>CASIO</b>		<b>CURTIS MATHES</b>	
UC-S1/S2/S3/S5	118	<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>	
UC-V20Hi/V200/V300/X2/X40Hi	161	EX-F1	349	768, 770	100C
UC-X65Hi	118	EX-M1/M2/M20/M20U	216	AV800	100C
ULTURA	161	EX-P505/P600/P700	251	AV850	110
V40Hi/V50Hi/V60Hi/V65H	161	EX-S1/S1PM/S2/S2BU/S2PW	216	BV880, CV800	100C
V65Hi/V75Hi/V400/V420/V520	161	EX-S3/S20/S20U/S100	216	DV600	110
VC-1	118	EX-S10	337	DV700	130C
VC-10/20/30/200	101C	EX-S100WE/S500/S500EO	216	DV800	100C
VCS-1/2/3/5	118	EX-S500GY/S500WE	216	FV500	130C
VCX-2	161	EX-S600/S600BE/S600EO	216	FV600	150
VHS PORT	101C	EX-S600GD/S600SR/S770	216	FV700/800	130C
VISTURA	161*	EX-S770BE/RD/SR/S880	216	FV900	150
VIXIA-HF10/HF100	338(NYA)	EX-V8SR	316	GV700	130C
VM-E2/2A/2N	116	EX-Z3	203	HV773	100C
VME-70A	118	EX-Z4/Z4U/Z4V	216	MV800	112C
VR-10/20/20A/30A/40A/50A	101C	EX-Z30/Z40/Z50/Z55/Z57	251	PV800, QD00004	100C
VT-LC50	118	EX-Z60/Z70/Z75 SERIES	216	<b>Battery to Empire Battery #</b>	
XHA1, XHG1	161	EX-Z77BK/Z77RD	216	14B655-001	101C
XL1,XL1S,XL2,XLH1,XM1,XM2	161	EX-Z500/600/700/750/850	251	VSBS001	112C
XTI	204	EX-Z1000/1050/1200/1080	251	VSBS0016	130C
ZR	169*	EX-Z1200	251	<b>DAEWOO</b>	
ZR-10/20/20MC/25/25MC	193	EXLIM EX-S10	337	<b>Model to Empire Battery #</b>	
ZR-30/30MC/40/45MC/50MC	193	EXLIM EX-Z80	337	DVM-131X, DVM-210N	109
ZR-60/65MC/70MC	193	EXLIM EX-Z100/Z200	251	DVM-239F	104
ZR-80/85/85MC/90/90MC	193	EXLIM V7	316	<b>DURACELL</b>	
ZR-100/200/300/400/500/600	204	FINEPIX 402	251	<b>Battery to Empire Battery #</b>	
ZR-700/800/830/850	204	QV-3EX PLUS	216	DR5	153-1.5C
ZR-900*/930*/950*	204	QV-R3/R4, RR-10	203	DR7	164
		VF-3000	104	DR8	143
		<b>Battery to Empire Battery #</b>		DR9	158
		NP-20/20DBA	216	DR10, DR11	159
		NP-30	203	DR12	118
		NP-40/40DBA/40DCA	251	<b>ELMO</b>	
		NP-50	316	<b>Model to Empire Battery #</b>	
		NP-60	337	ECR-8	107
		NP-100	349	ECR-600	112C
		<b>CHINON</b>		ER-10	100C
		<b>Model to Empire Battery #</b>		PRO.ECR-8S	107
		C8, C8-1003, C8-C60	107	<b>Battery to Empire Battery #</b>	
		C8-SC70/SC80/SC90	107	BP-10	100C
		C8-SC96/SC98	150	EA-BP8	107
		C8-SL70	110	EA-BP60	112C
		CV-765/770/C70/C800	100C	PVBP80	100C
		CV-C600	110	<b>EMERSON</b>	
		CV-T7/T60/T60G/T63/T65	100C	<b>Model to Empire Battery #</b>	
		CV-T70/T72/T73/T80/T124	100C	70-2026	101C
		CV-T84	130C	V-CAM-14/18	110
		<b>Battery to Empire Battery #</b>		VHS	100C
		BP-80	100C	<b>Battery to Empire Battery #</b>	
		C8-B33	107	1411200001	110
		C8-B36-1/B36-2	150	ERB-22/122	101
		CV-BP80/BP82	100C	ERB-150/151	110
		CV-BP89	130C	ERB-155	150
		CVC-BP82	110		

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GRAETZ		HITACHI (CONT'D)		HITACHI (CONT'D)	
<b>Model to Empire Battery #</b>		VM2140	142S	VME555LA	166
SK-60	109	VM2250A/2270A	124	VME565/565LA	166
TMC-93, TMC-4877	110	VM2300	142S	VME620A/625LA	143
TMC-4888	109	VM2300A	142S	VME635A/635LA/645LA	166
		VM2300E	142S	VME710A	143
<b>GRUNDIG</b>		VM2380	124	VME755LA	166
<b>Model to Empire Battery #</b>		VM2400A	142S	VME835LA/855LA	166
VS-150AF	104	VM2400E	143	VMH10/18A	143
VS-160/170/180	100C	VM2410CL/2500A	142S	VMH35LA	166
VS-8000/8100/8320/8500/8800	109	VM2580A/2580E	142S	VMH38A/39A	143*
VS-C05/20/30/40/45/50	110	VM2600A/2700A	142S	VMH57A/59A	143
VS-C55	109	VM2800A/2900A	142S	VMH71A/81A	143*
VS-C60/70	110	VM3000A	104	VMH100LA	153
VS-C75	109	VM3100A/3150/3150A	104	VMH620A	143*
VS-C80/85	110	VM3200	124	VMH625	143
VS4-8	109	VM3200E	110	VMH635A/640A/645LA	166
<b>Battery to Empire Battery #</b>		VM3250A/3260/3270A	124	VMH650/650A/665LA/675LA	166
BP-60	110	VM3260A/3280E	110	VMH710A/720A/725LA	143*
BP-70	109	VM3300A/3350/3350A	142S	VMH725U	143
BP-80	110	VM3700/3700A/3800A	142S	VMH755LA/765LA	166
BP-82	109	VM4400A	142S	VMH825LA	143*
BP-122	100C	VM4400E	142S	VMH835LA/845LA/855LA	166
BP-150/151	104	VM5000A/5100A	104	VMH865LA/875LA	166
<b>HEWLETT PACKARD</b>		VM5200	124	VMH945LA/955LA/965LA/975LA	166
<b>Model to Empire Battery #</b>		VM5300A/5350A	142S	VMS7200A/7200E/7280E	124
BMW-F1	203	VM5400A/5400C/5400U	142S	VMS8100A	104
C8872	208	VM5720A	124	VMS8200A	142S
HP-R725/R727/R927	203	VM6000A/6100A	104	VMSP1A	143
PHOTO SMART C912	208	VM6300A/6500A	142S	VT3P/5P/7P/8A	NLA
R607/707v/717/725/827/847	203	VM7000A/7200A	104	VT-4/98	NLA
R937/967	203	VM7300/7300A/7400A/7400LA	142S	VT6000/6500	NLA
R742	272	VM7500A/7500LA	142S	VT6800/6800A	NLA
<b>Battery to Empire Battery #</b>		VM8200A/8300A	142S	VTCL50EM	124
A920	208	VM8400LA/8500LA	142S	<b>Battery to Empire Battery #</b>	
A1812A, L1812A	203	VMBP82G	143	DZ-BP7S/BP14S/BP21S	230
LI-40	272	VMBP84	143	DZ-BP16/BP28	172
R07, R607, R707V, R717	203	VMBP826	143*	VMBP6M	142S
<b>HITACHI</b>		VMC1A/1E/1R/1S	145	VMBP21/22	104
<b>Model to Empire Battery #</b>		VMC2A	145	VMBP51/52	106
DZ-BD70A,HA	230	VMC11A	106	VMBP60	NLA
DZ-BX35A	230	VMC30A	106	VMBP61A/63/63A	124
DZ-GX20MA	230	VMC34	124	VMBP64	142S
DZ-GX3100A/3200A/3300A	230	VMC40E	106	VMBP64AS	142S
DZ-GX5020/GX5080A	230	VMC50A/52/60	106	VMBP65/66/67/67A	142S
DZ-HS300A/HS500A	230	VM-D865/D865LA	166	VMBP71	124
DZ-M580/M730/M780	230	VM-D873LA/D875LA	166	VMBP81	145
DZ-MV100A/MV200/MV200A	172	VM-D965/D965LA/D975LA	166	VMBP82/82A/83/84/84A	143
DZ-MV230/MV230A/MV270A	172	VME10A/10E	143	VMBP502	166
DZ-MV270A	172	VME15A/15E	143	VM-BPL13/13A/13J	166
DZ-MV350A/380A/550A/730A	230	VME22A/22E/23A/23E	143	VM-BPL27/27A/30/30A	166
THIN-MAN	145	VME25A/25E/44/52A/53A	143	VMBPL60A	166
TWIST/SHOOT	145	VME54/54A/55A/56A/58A	143	VME38A/39A	143
VJP170	NLA	VME71A/81A/110A	143	VME58A	143
VLH-100L	166	VME110/130A	143*	VMNP720	153
VM-H945LA/955LA	166	VME220A/220A/230A	143*	VTBP7A	NLA
VM30	106	VME310	143*	VTBP65A	NLA
VM100/200A/500E/600E	104	VME310A	143	<b>IDX</b>	
VM-645LA	166	VME340A/340LA/350A	166	<b>Model to Empire Battery #</b>	
VM825LA	143*	VME368E/368LE	166	DXC-3A/3000/M22	114
VM-835LA/945LA	166	VME410	143*	KV-5300	114
VM1200/1280E	104	VME420	143	SL-2000	114
VM1300/1350	142S	VME455LA/465LA	166	<b>Battery to Empire Battery #</b>	
VM1350A	142S	VME510A	143	NP-25N/L50/L50S	114
VM1400A/1600A	142S	VME510/520A/521A	143*		
VM1700A/1800A/1900A	142S	VME530A/535LA	166		
VM2000A/2100A	104	VME540A/540LA/545LA	166		

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ITT	JC PENNEY (CONT'D)	JVC (CONT'D)
<b>Model to Empire Battery #</b>	934-0357 109	GR-AX840U/841U/844U/857U 150
VMC-3639A 110	NB-E60A 109	GR-AX880US/890U/890US 150
VMC-3865 110	SV-LB5 152	GR-AX900U/910/910U/911U 150
VMC-3875/3877 110	VMBP-61 124	GR-AX920/920U/930U 150
VMC-3877AF 110		GR-AX940U/941U/957U 150
VMC-3888 110		GR-AX970/970U/1010U 150
VMC-6000 110		GR-AXH1 150
	<b>JVC</b>	GR-AXM1U/2/2U/4/4U 150
	<b>Model to Empire Battery #</b>	GR-AXM10U/17U/17US 150
	CU-VH1US 192	GR-AXM20/20U/25U/27U 150
	DDNP-100 174	GR-AXM30U/40/40U/50U 150
	DR-X5 270	GR-AXM70U/80U/100U 150
	EVERIO GZ-MG20US/21/27 270	GR-AXM151/151U/210U/205 150
	EVERIO GZ-MG30US 270	GR-AXM217U/220U/225U/226 150
	EVERIO GZ-MG35US/37 270	GR-AXM230U/231/237U/241 150
	EVERIO GZ-MG40US/50US 270	GR-AXM241U/270/300U/310U 150
	EVERIO GZ-MG70US/77/500 270	GR-AXM317U/330U/341/341U 150
	GC-QX3/QX3HDU/QX3U NLA (11/06)	GR-AXM405/510/510U 150
	GC-QX5DU/QX5HD/QX5HDU NLA (11/06)	GR-AXM511/511U 150
	GC-S5/S5E 174	GR-AXM650/650U670 150
	GC-X1/X1E/X1EK NLA (11/06)	GR-AXM700/700U/710U 150
	GC-X3/X3-DS/X3E/X3E-DS NLA (11/06)	GR-AXM717U/750U/800 150
	GF-450/500U/700U 110	GR-AXM840U/841U/900U 150
	GF-S1000H/S1000HEG NLA	GR-AXM910U/917U/920U 150
	GF-S550U 110	GR-AXM970U/1000U 150
	GR-15U/25U/30U/35U 110	GR-AXTEG 150
	GR-40/40U/45 110	GR-C1U/2U/7/7U/9/11/11S/25 110
	GR-60E 150	GR-C7S 150
	GR-60U/65EG/65U/70U 110	GR-C25U/30/30U/35U/40/40U 110
	GR-303/303EG/303U/305U/50E 110	GR-C55/55U/70U/75/250/707 110
	GR-277U/323U 150	GR-D22US/27/30 192
	GR-400/450/5550U/5505 110	GR-D30US/31/31US 192
	GR-A1E/1U/30/30E/30S/30U 110	GR-D32US/33/33US 192
	GR-A60S/60U 110	GR-D70/70US/71US/72/72US 192
	GR-AK5BKU/5GYU 150	GR-D73US/74US/90/90US/91 192
	GR-AW1/1U/10 150	GR-D91US/93/93US/94US 192
	GR-AX2/2U/5/5EG/5U/7EG/7U 150	GR-D200/200US/230US 192
	GR-AX10/10EG/10U 150	GR-D240/250/250US/270 270
	GR-AX17/17U/25U/26/26U 150	GR-D270US/271/271US/275 270
	GR-AX30/30U/33/33U 150	GR-D275US/290/290US/295US 270
	GR-AX34/34U/35/35U/37/37U 150	GR-D295 270
	GR-AX46/46U/47U/48U 150	GR-D347U 202
	GR-AX50/50U/55/55U/65U 150	GR-D350/370/395/396/650 270
	GR-AX70U/74/74U/75U 150	GR-D750/770/796 309 (NYA)
	GR-AX76/77/77U 150	GR-DF420/430/430US/450 270
	GR-AX81U/84/84U/90U/91 150	GR-DF450US/470/470US/540 270
	GR-AX94/94U/96/96U/97/97U 150	GR-DF550/550US/565/570 270
	GR-AX200U/201U/202/202U 150	GR-DF570US 270
	GR-AX210/210U/220/220U 150	GR-DV1/1U/1W/2/7OE 160
	GR-AX230U/250 150	GR-DV3/3U 170*
	GR-AX300U/301/310U/323U 150	GR-DV14 160
	GR-AX350U 150*	GR-DV500/500US 192
	GR-AX400U/401/401U/404U 150	GR-DV510U 150
	GR-AX410U/420U/430U 150	GR-DV800/800US 192
	GR-AX500U/501/510U 150	GR-DV1800/2000/2000U 192
	GR-AX606U/610/610U 150	GR-DV3000U/4000/4000US 192
	GR-AX640U/650/655/655U 150	GR-DVA1/1U 150
	GR-AX657U/660U/700U/704U 150	GR-DVAXU 168
	GR-AX710U/717UM/720/720U 150	GR-DVF3A/10/10U/20/20U 150
	GR-AX730U/750U/754U/760U 150	GR-DVF11/11U/21/21U 182
	GR-AX761/761U/767U/777 150	GR-DVF31/DVF31U 182
	GR-AX800U/808U/810/810U 150	GR-DVJ70/70E 160
	GR-AX820U/820US/830US 150	GR-DVL20/25U/30/45U 182
		GR-DVL100U/DVL105U 192
		GR-DVL107U/DVL108U 192
		GR-DVL109U/120/150/150U 192
<b>Battery to Empire Battery #</b>		
686-6023 130C		
686-6063 152		
688-2922 100C		
688-2925 101C		
688-2942 112C		
688-2948/2949 110		
688-6018 NLA		
855-3026 130C		
855-8371 115		
855-8611 130C		
890-2595 142S		
934-0332 143		
934-0340 118		

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**





MEMOREX (CONT'D)		MINOLTA (CONT'D)		NEC	
CS6012	109	<b>Battery to Empire Battery #</b>		<b>Model to Empire Battery #</b>	
OB-15	150	B-8002	113	CV-10U	112C
T16-BP64	142S	BP-2	NLA	CV-30U/40U	100C
VM-BP21M	104	BP-800	113	CVB-70U	110
VSBW0003	150	BP-1001/1002	104	EM-ABU	103
<b>METZ</b>		BP-3001	110	NCVK400	110
<b>Model to Empire Battery #</b>		BP-3301	128	V-20U/40U	100C
9622, 9624, 9625	110	BP-8001/8002	113	V-50U (REAR)	112C
9628, 9629	107	BP-M3001	110	V-300/400	100C
9637, 9702	150	NP-1	281	VM10U	112C
<b>MGA</b>		NP-200	217	VM40U	100C
<b>Model to Empire Battery #</b>		NP-400	238	VMA80	103
HSC20	110	NP-500/600	243	<b>Battery to Empire Battery #</b>	
<b>MINOLTA</b>		NP-700	259	BC-10	112C
<b>Model to Empire Battery #</b>		NP-800	201	VB-10U	112C
8-80/81	113	NP-900	269	VB-30U/50U	100C
8-308/308E/378	143	VBC-166	142S	<b>NIKON</b>	
8-406/406E/418/428/438	143	VBP-100/101	124	<b>Model to Empire Battery #</b>	
8-761/761C/762CS/778	143	VBP-160/161/165/166	142S	ACTION PRO	107
8-808/808E/812/832	113	VBP-400/401/410	143	COOLPIX 775/880/885/995	201
8-838/842/848	143*	VBP-500/501	110	COOLPIX 2500/3500	210
8-852/862/863S/864S	143*	VBP-600/601/630	150	COOLPIX 3700/4200	239
8-878/912/918	143	VBP-912	143	COOLPIX 4300/4500/4800/5000	201
8-8000/8100/8200	143	02491-0015-00	269	COOLPIX 5200/5900/7900	239
770S	NLA	<b>MINOX</b>		COOLPIX 5400/5700	201
a Sweet Digital/ a-7 Digital	238	<b>Model to Empire Battery #</b>		COOLPIX 8400	NYA
C-1E	128	DC52222	269	COOLPIX 8700	201
C-50/51	110	<b>MITSUBISHI</b>		COOLPIX 8800	NYA
C-503/512/513/516/518/522	150	<b>Model to Empire Battery #</b>		COOLPIX P1/P2	275
C-532/538/542/550/552/560	150	CVK-G99	110	COOLPIX P3/P4/P50/P5100	239
C-560C/561/562CL/563CLS	150	HS-700UR	NLA	COOLPIX S1/S2/S3/S5/S6/S7C	275
C-570/606/606E/618	150	HS-C1XE	150	COOLPIX S9	275
CR-80AF/81AF	124	HS-C4U/C7U/CX1/CX4	150	COOLPIX S10	239
CR-800S/880	113	HS-C20U, HS-C30U	110	COOLPIX S50/S50C/S51/S51C	275
CR-1000A	110	HS-C35/35U	NLA	COOLPIX S200/210/500/510	320
CR-1000S/1100S/1200S	104	HS-C45/50	110	COOLPIX S520/S600/S700	320
CR-3000S	NLA	HS-VX4E	150	COOLPIX S550	345
CR-8000AF/8000S	113	HS-F10UR	104	COOLPIX SQ	210
CR-8100/8100AF/8200	113	<b>Battery to Empire Battery #</b>		D1, D1H, D1X	212
DG-5W	201	BX-35U/90U	NLA	D2H, D2HS, D2X, D2Z	242
DG-X50K/X50R/X50S	259	BY-700, BY-A90	NLA	D40, D40X	304
DIMAGE A1, A2	238	BY-B99/C101/C102	110	D50, D70, D70S	211
DIMAGE A200	201	BY-F101/F102	104	D80/200/300	293
DIMAGE E40, E50	269	BY-U1/U2	150	D100, D100SL	211
DIMAGE G400/500/530/600	243	<b>MUSTEK</b>		F6	242
DIMAGE X, Xg, Xi, Xt, Xt BIZ	217	<b>Model to Empire Battery #</b>		P5000	239
DIMAGE X1	281	DV-2032/3032/3500	NMH-2/AA	VHS SPORT	101C
DIMAGE X50	259	DV-4000	248	VN-300/310/330/340/360	109
DYNAX 5D/7D	238	DV-5000	NMH-2/AA	VN-400/500/550/700/750	109
K-500/510/520/700	NLA	<b>Battery to Empire Battery #</b>		VN-720/730	153-1.5C
KR-1000	104	DV3M	248	VN-800/801/810	107
Maxxum 5D/7D	238	<b>MUSTEK</b>		VN-820/830/840/850/860/870	109
MS-2100	104	<b>Model to Empire Battery #</b>		VN-900/910/960	109
MV-500S/900S	NLA	<b>Battery to Empire Battery #</b>		VN-3000	101C
REVIO	243	<b>Model to Empire Battery #</b>		VN-7000/8200	109
V-10/10R/11/11R	124	<b>Battery to Empire Battery #</b>		VN-9000/9100/9500	109
V-16/16R/18/18R/20/20R	142S	<b>Model to Empire Battery #</b>		VS-BL71	156
V-118/218/228	142S	<b>Battery to Empire Battery #</b>		<b>Battery to Empire Battery #</b>	
V-700	101C	<b>Model to Empire Battery #</b>		9904	210
V-770S	NLA	<b>Battery to Empire Battery #</b>		BP-80	107
V-1400/2000/2100	104	<b>Model to Empire Battery #</b>		BP-300	101C
		<b>Battery to Empire Battery #</b>		BP-NKL2	210
		<b>Model to Empire Battery #</b>		EN-EL1	201
		<b>Battery to Empire Battery #</b>		EN-EL2	210
		<b>Model to Empire Battery #</b>		EN-EL3/EL3a	211
		<b>Battery to Empire Battery #</b>		EN-EL3E	293

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

NIKON (CONT'D)		OLYMPUS (CONT'D)		PANASONIC (CONT'D)	
<b>Battery to Empire Battery #</b>		VX-404/405/406	100C	DMC-FZ8/10/FZ18/FX20/FZ30	283
EN-EL4	242	VX-407	130C	DMC-FZ50	283
EN-EL5	239	VX-801/802/802E/803/804	107	DMC-L1/LC5/LC40	218
EN-EL7	NYA	VX-806	109	DMC-LX1/LX2	284
EN-EL8	275	VX-H804	107	DMC-TZ1/TZ3	298
EN-EL9	304	VX-S405	100C	EB362	100C
EN-EL10	320	WPP-1000/1500/5000	107	HDC-DX1	307 (NYA)
EN-EL11	345	X-1/2/3/450/500	224	HDC-SD1	307 (NYA)
EN-4	212	X-600	272	HDC-SD1PP/SD5	307 (NYA)
LRHM3WM	201	<b>Battery to Empire Battery #</b>		HDC-SX5	307 (NYA)
NP-55/66H/77/77H	109	Li10B, Li12B	224	IQ-PBA306	150
NP-500	153-1.5C	Li20B	203	LUMIX DMC-F1	226
<b>NORMANDE</b>		Li30B	257	LUMIX DMC-FZ1/FZ1K/FZ1S	225
<b>Model to Empire Battery #</b>		Li40B/Li42B	272	LUMIX L10	307 (NYA)
CV100/155/301/1100	110	Li50B	339	M-810	150
CV2001/2101/2201	110	NP-55/77H	109	M-3000	130C
RP300, SV500	110	PS-BLM1	240	MC-50	110
V150, V350, V550, V2005	NLA	PS-BLS1	306	NV61/61E/62/62E/63	150
<b>Battery to Empire Battery #</b>		VFBA5U	112C	NV-100	101C
AC-155/2005	110	VFBP1	101C	NV-180	100C
<b>OLYMPUS</b>		VFBP3, VFBP3U	100C	NV-500/595	150
<b>Model to Empire Battery #</b>		VFBP6, VFBP6U	112C	NV-3000	NLA
AZ-1, AZ-2	203	VFBP7, VFBP7U	100C	NV-6500/6600	101C
C-50/50Z/C60Z/70Z	224	VFBP8U	130C	NV-8400/8410	NLA
C-470/507/590Z	224	VFBP81	107	NV-8420	101C
C-630	272	<b>ORION</b>		NV-A1EN	155
C-760UZ/765UZ/770M/770UZ	224	<b>Model to Empire Battery #</b>		NV-C1	172
C-5000/5000Z/5050	224	C-MV1/MV11/MV103/MV203	110	NV-CS1EN	155
C-5060/5060Z/5060WZ	240	VC-M0300	150	NV-DA1/DA1EN	172
C-7000/7000Z	224	<b>Battery to Empire Battery #</b>		NV-DE3	162
C-7070/7070WZ	240	OD-18	150	NV-DJ1/DJ100/DS1/DS5	162
C-8080/8080WZ	240	<b>PANASONIC</b>		NV-DS77/DS77EN	172
D-630	272	<b>Model to Empire Battery #</b>		NV-DX1/DX100	162
E-1, E-300/330	240	AFX3	100C	NV-EX1/EX1EN	172
E-400, E-410	306	AFX8, AFX12	130C	NV-G1/G1E/G2/G2E/G3/G3E	150
E-500	240	AG-40U	110	NV-G100/200/202/300/303	150
EVOLT E-510	240	AG-100/150/155	112C	NV-GS50/GS70	230
FE-190/230/240/250/280	272	AG-160/170/180	100C	NV-M1/M2/M3	112C
FE-200	224	AG-185U/187/188	130C	NV-M5/M7/M7EO/M7EW	100C
FE-290/300/320/340/350	272	AG-190	100C	NV-M7EG	110
FE-5500	272	AG-195-196U	130C	NV-M8PX/M9/M10	100C
IR-300	272	AG-400P/450	100C	NV-M10K/M30/M33K/M33PX	110
IR-500	224	AG-455/456/459/461	130C	NV-M20EG	150
MJU-700	272	AG-460	100C	NV-M50/M55/M70/M90/M350	110
MJU-MINI DIGITAL/DIGITAL S	257	AG-2400/6400/7400	100C	NV-M400	130C
SP-500UZ	224	AG-BP188U	130C	NV-M550	110
SP-700	272	AG-BP202/212DX	100C	NV-M810	NLA
STYLUS 300/400/410/500/600	224	AG-DCV 7	172	NV-M810EN	150
STYLUS 700/710/720/730/740	272	AG-DVC15	172	NV-M1000/M8000	100C
STYLUS 750/760/770SW/780	272	AG-DVC30/DVC80	262	NV-MC5/MC5EG/MC6/MC6EG	110
STYLUS 790SW/820/830	272	AG-DVC200/DVX100	172	NV-MC10EG/MC10EGF/MC20	110
STYLUS 800/810/1000	224	AG-DVX100A/100AE	262	NV-MC30/MC30EG/MC70	110
STYLUS 1010/1020/1030	339	AG-DVX100AP/100B	262	NV-MS1/MS2	100C
STYLUS 840/850/1200	272	AG-EZ1	162*	NV-MS50/MS50EG/MS60/MS90	110
STYLUS VERVE/S	257	AG-EZ20/EZ30	162	NV-MS70/MS70E	150
U-10D/15D/20D/25D/30D/40D	224	AG-V50	100C	NV-MS95/MS95B	150
UD-400/410/500/600/800	224	DMC-F1/F1S	226	NV-MS95E/MS95EG	150
VC-103	101C	DMC-F7	219	NV-MS950/MS950EN	150
VC-104/105/106	100C	DMC-FX01/FX07	284	NV-MV1	110
VC-106A	101C	DMC-FX2	260	NV-MV5	150
VX-43/54/81/82/82E	109	DMC-FX3/12/30/33/55/100	284	NV-R50E/R60E	155
VX-303	NLA	DMC-FX7	260	NV-R200/R200PN	155
VX-401	112C	DMC-FX8/FX9	284	NV-R500EN/R550EN	155
VX-402	100C	DMC-FX30	319	NV-RS7	181
VX-402 (REAR)	112C	DMC-FX50	284	NV-RX1/RX2/RX5	155
VX-403	110	DMC-FZ1/FZ7	225	NV-RX7EN	155

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### EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

PANASONIC (CONT'D)		PANASONIC (CONT'D)		PANASONIC (CONT'D)	
NV-RX9/RX11B	150	PV-822	100C	PV-DV900/DV900K	172
NV-RX14B	181	PV-900	130C	PV-DV910/DV910K	172
NV-RX15B/RX18B/RX19	150	PV-908/910A	150	PV-DV950	162
NV-RX21B/RX31B/RX49	150	PV-910/918/940/950/960	130C	PV-DV952/DV953	172
NV-RX61B	150	PV-1220	112C	PV-DV1000	162
NV-RX64	181	PV-2100	NLA	PV-GS9/12/14/15	172
NV-RX70B	150	PV-2200	100C	PV-GS19/2931/35/39/50S/59/70	230
NV-RZ1/RZ2	181	PV-2600	NLA	PV-GS55/65	230
NV-S1/S1B/S1E/S1K/S1S	150	PV-3000/3100/3200	NLA	PV-GS80	230
NV-S2/S5/S5B/S5E	150	PV-4000/4100/4300/4510	NLA	PV-GS120/150/200/250	230
NV-S6/S6B/S6E	150	PV-5000	101C	PV-GS300/308/400/500/508	230
NV-S7/S7B/S7E/S7EG/S8/S9	150	PV-5110	100C	PV-IQ202/IQ203/IQ204	150
NV-S20/S20B/S20EG/S30	150	PV-5150	110	PV-IQ205/IQ205D	150
NV-S78E/S100/S100EN	150	PV-5200/5350	100C	PV-IQ214/IQ215/IQ225	150
NV-S200/S500/S500EN	150	PV-5372	150	PV-IQ244/244D/245/255	150
NV-S600/S700/S700EN/S800	150	PV-5400	101C	PV-IQ294/295/303/303A	150
NV-S850EN/S950EN	155	PV-5420	100C	PV-IQ304/304A/305/314	150
NV-VX17EN/VX27EN	181	PV-5500	101C	PV-IQ315/325/344/375/375A	150
NV-VX57EN	181	PV-5630	150	PV-IQ384/384A/393/394/403	150
PB-10B	150	PV-5800/5810	100C	PV-IQ403D/IQ403DK/IQ404	150
PK-410/412/450/452	100C	PV-5850	101C	PV-IQ404A/405/425/434	150
PK-500/503/530	100C	PV-6000	101C	PV-IQ475/IQ485	150
PK-557/558	100C	PV-6100	130C	PV-IQ493/IQ494/IQ495	150
PK-597	101C	PV-6110	100C	PV-IQ503/504/504A/505	150
PK-700	130C	PV-6500/6600	101C	PV-IQ511/IQ525/IQ575/IQ594	150
PK-802/805	100C	PV-8000/8100/8110	100C	PV-IQ604/604D/635/705	150
PK-903	100C	PV-8206/8306	150	PV-IQPBA306	150
PK-956/957/958/959	100C	PV-8440/8484/8485	100C	PV-L50/L59/L60	150
PK-972	101C	PV-8500/8600/8650	100C	PV-L352/L353/L354	150
PK-973/975/976/980	100C	PV-9000/9000A	100C	PV-L450K/451/452/453/L454	150
PRO-846	150*	PV-9600/9600A	100C	PV-L457/L459K/L501/L550	150
PSC15C	150	PV-A206/A207/A208/A216	150	PV-L551/L552/L552H/L557	150
PV-2A216	150	PV-A227/A228/A266	150	PV-L558/L559/L560/L560K	150
PV-10/10B/10PX/11DK	150	PV-A286/A296/A306	150	PV-L568/L571/L578/L579/L580	150
PV-14/14D/14K/15K/17/18	150	PV-A307/A308/A376/A386	150	PV-L590/L600/L600C/L601	150
PV-19/19D/20/21/21D/22/22D	150	PV-A396/A406/A407	150	PV-L606/L607/L647/L650	150
PV-31/32/32D/40/40D/40DK	150	PV-D10DK/D19DK/D29	150	PV-L650K/L651/L651D/L652	150
PV-41/42/42DK/42K	150	PV-D101	172	PV-L657/L658/L659/660	150
PV-43/43D/43DK	150	PV-D209/D209KJ	150	PV-L660D/L670/L671/L677	150
PV-50/53	110	PV-D300/D300K/D301	150	PV-L678/L679/L679K/L680	150
PV-52/54/54D/62/64	150	PV-D308/D318/D326	150	PV-L681/L690/L691/L750	150
PV-100/110/120/122/140	110	PV-D406/D407/D414/D417	150	PV-L750K/L751/L757/L758	150
PV-200	100C	PV-D426/D427	150	PV-L759/L779/L779K/L780	150
PV-200D	112C	PV-D476/D486/D496	150	PV-L780D/L781/L850/L850K	150
PV-210/220	100C	PV-D506/D507/D526	150	PV-L857/L858	150
PV-213A/214A/215A	150	PV-D606/D607	150	PV-L859/L859K/L958	150
PV-300/320/330	100C	PV-D700	162	PV-LCD35	150
PV-308/332/332D/332DK/333	150	PV-D705	150	PV-M429	100C
PV-350	100C	PV-D710	162	PV-MC10EQ	110
PV-362/362D/372D/372DK	150	PV-D776	150	PV-S43/S53/S62/S63/S64	150
PV-400/420/425/430/460	100C	PV-D900	172	PV-S70	130C
PV-500/501/502/510	130C	PV-D1000	162	PV-S140/S150/S160	110
PV-506/507	150	PV-DC152/DC252/DC352	172	PV-S332	150
PV-515/520/530/535	100C	PV-DV10/DV10i	172	PV-S350	100C
PV-558/563	150	PV-DV51/DV52/DV53/DV73	172	PV-S362/S372	150
PV-602/604	130C	PV-DV100/DV100K	172	PV-S4420/S440/S445/S460	100C
PV-606	150	PV-DV102/DV103	172	PV-S540/S545/S550	100C
PV-610	130C	PV-DV200/DV200K	172	PV-S565/S575	100C
PV-611A	150	PV-DV201/DV202/DV203	172	PV-S630	150
PV-645/650/660	100C	PV-DV400/DV400K	172	PV-S770	130C
PV-700/704/710/720	130C	PV-DV401/DV402	172	PV-S770A	150
PV-750	100C	PV-DV600/DV600K	172	PV-SD4090/SD5000	162
PV-760/760A/760B	130C	PV-DV601/DV602	172	PV-VM202	172
PV-800	130C	PV-DV700	162*	SD-VA100	241
PV-808	150	PV-DV701/DV702/DV710	172	SDR-H18/H20/H200	230
PV-810	130C	PV-DV800/DV800K/DV852	172	SDR-S10	319

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

PANASONIC (CONT'D)		PANASONIC (CONT'D)		PENTAX (CONT'D)	
SDR-S100/S300	290	LCS-2012BVBN	112C	PV800E	103
SDR-SW20	319	LCS-2012DVBN	130C	PVC1SA/11A/33/55A/66A/67A	104
SV-AV10/20U/30/35	203	LCS-2012P/2012VBNC	101C	PVC77A/78A	124
SV-AV50/A510	237	LCS-2312AVBNC	100C	PVC480E	109
SV-AS10	172	LCS-A122R3EU100C	100C	PVC800A/850A	113
VDR-D100/D105/D200/D210	230	LCS-D122BU/D122EU	130C	PVC840E	109
VDR-D230/D250/D300	230	LCT-1912AP	100C	PVC860E	109
VDR-M10	172	NVA3	155	PVC880A/900A	113
VDR-M30/M50/M70	230	P-9AS/8U13	110	PVC905A/909A	143
VM-539/D100/L451	150	PV-122D	110	PVEM100E	109
VS8-0164	130C	PV-214A/215A/611A	150	PVR1000A	104
WV-3400/4850	101C	PV-BP10/BP11/BP12	110	PVR1100A	100C
<b>Battery to Empire Battery #</b>		PV-BP15/16/17/18/19	150	PVR83030AV01	150
AG-3	150	PV-BP20M/BP22M	112C	V1	104
AG-BP15/BP15P	162	PV-BP50	130C	Z10	259
AG-BP20	130C	PV-BP80/BP88	100C	<b>Battery to Empire Battery #</b>	
AG-B20P	100C	PV-D200	172	D-Li1	208
AG-B21P	130C	PV-DBP5	162	D-Li2	203
AG-BP25	166	PV-DBP8/DBP9	172	D-Li7	228
BP-508	150	PV-GS80/GS85/GS320	230	D-Li8	222
BP-BP20P	130C	PV-GS320	230	D-Li50	238
CGA-D54	262	PV-IQ225D	150	D-Li63	311
CGA-DU07/DU12/DU14/DU21	230	PV-L354/L454	150	D-Li68	333
CGA-S001/S001E	226	PV-V213	150	D-Li72	259
CGA-S002	225	UP10V1.1AN/UP10VI.IN	110	D-Li78	344
CGA-S003	237	VS8-0011	100C	K-20D	238
CGA-S003A/1B	172	VS8-0016	130C	PVBT1A/11/12	104
CGA-S004A/S004E	260	VS8-0190/0200	155	PVBT71/72	124
CGA-S005	284	VW-VB30/VB31	100C	PVBT810/820	113
CGA-S007/S007E	298	VW-VBC1E/VBC3	110	PVBT901/902	143
CGA-S008A/S008E	319	VW-VBC4E/VBC5E	110	VE-258	130C
CGA-S101A/S101B	219	VW-VBA05	237	<b>PHILCO</b>	
CGA-S301A1	203	VW-VBA10/VBA21	203	<b>Model to Empire Battery #</b>	
CGA-S302	241	VW-VBCE4E	110	V1715, V1720	NLA
CGA-S303	290	VW-VBD1/VBD1E/VBD2	162	V1728SL01, V1728TSL01	100C
CGA-S603E	284	VW-VBD07/VBD14/VBD21	230	VC1726SL01, VC1727SL01	101C
CGP-D28A/D110/D210/D320	172	VW-VBD23/VBD24/VBD25	172	VCR740SL01, VCR790SL01	112C
CGR-B202/B403/B814	162	VW-VBF2	130C	VCR800SL01	112C
CGR-D08/D14/D16/D28	172	VW-VBG6-K	307(NYA)	VCR801AV01, VCR802AV01	100C
CGR-D120/D220/D320/D815	172	VW-VBG130/VBG260	307 (NYA)	VCR807AV01, VCR809AV01	100C
CGR-DU06/DU06A/1B	230	VW-VBJ10	319	VCR901AV01	100C
CRG-DU12A/1B	230	VW-VBM2/VBM3	112C	VKR110	130C
CGR-S002	225	VW-VBM7E/VBM10	100C	<b>Battery to Empire Battery #</b>	
CGR-S006,006A	283	VW-VBM10E	155	SC2124	NLA
CGR-S101A	219	VW-VBS1E/VBS2E	150	SC2154	101C
CGR-S602A/S603E	218	VW-VBS20E	155	V80039BK01	100C
CGR-V14S	181	OPTIO Z10	259	V80063BK01	112C
CGR-V610/V620	181	<b>PENTAX</b>		<b>PHILIPS</b>	
DMW-BC7	219	<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>	
DMW-BCA7	226	EI-2000	208	CPJ-810/815	100C
DMW-BCB7	260	K10D	238	CPK-816/832	130C
DMW-BCC12	284	OPTIO 330,330RS,430,430RS	203	CPK-834/855	100C
DMW-BCD10/S007E	298	OPTIO 550, OPTIO MX	228	CPK-910	110
DMW-BCE10/S008E	319	OPTIO A10/20	222	CPL-820/827/915	130C
DMW-BLA13	307(NYA)	OPTIO A30, M30, M40	311	CVJ-360	110
DMW-BL14	218	OPTIO M50	344	CVL-345	100C
DMW-BM7	225	OPTIO A40	333	CVR-315/325	154
DMW-BMA7/S006E	283	OPTIO N20	222	CVT-330/340	154
EPK1185	100C	OPTIO S, S4, S4i, S5i	222	PRO 1	100C
HDC-DX1/SD1	307 (NYA)	OPTIO S5n, S5z, S6/7, SV, Svi	222	VKR-2000	100C
HHR-V20A/V20A1B/V40A	150	OPTIO S10, S12	333	VKR-6800/6810	112C
HHR-V40A1B/V60A/V60A1B	150	OPTIO T10/20	222	VKR-6820S	100C
HHR-V214	150	OPTIO T30	311	VKR-6830/6835/6836	110
LCR-1812P/1812VB	NLA	OPTIO V10	311	VKR-6837/6838/6840	110
LCR-3012VBP/3102VBNC	NLA	OPTIO W10/20, WP, WPi, X	222	VKR-6841/6842/6843	110
LCS-2012APC/2012AV	100C	OPTIO W30	311	VKR-6846	108

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

PHILIPS (CONT'D)		QUASAR (CONT'D)		RCA (CONT'D)	
VKR-6850/6851/6855	100C	VM-50	110	CC-400/405/406/407/412	142S
VKR-6865	110	VM-50AC	110	CC-413/414/415/416/417	142S
VKR-9000/9005/9300	110	VM-51AC/52/52AC/53	110	CC-420/421/422/423/424	142S
<b>Battery to Empire Battery #</b>		VM-100/110	150	CC-425	143
22AV5112, 22AV5119	112C	VM-500/505/508	150	CC-428/431/432/433	142S
22AV5125/5126/5145/5166	110	VM-510/511/512/513	150	CC-434/436/437/439	142S
22AV5191	108	VM-514/515/516/517/518	150	CC-445	142S
22AV5591	100C	VM--520/521/522/524/525	150	CC-507/509/510/512/517	142S
AR8378BK01	100C	VM-526	110	CC-520/525	142S
AR8395BK01	100C	VM-530/535/538/539	150	CC-540/542	142S
SBC5212	110	VM-544/545/547/549	150	CC-543	142S
SBC5214	110	VM-550/555	150	CC-547/548	142S
SBC5215	100C	VM-560/565/575	150	CC-560	142S
SC2154	101C	VM-700/705/706	130C	CC-603	143
V80039BK01	100C	VM-708/709	100C	CC-600/604/612/614	150
V80063BK01	112C	VM-710/716/717/718	130C	CC-615/616/617	150
V80076BK01, V80085BK01	110	VM-735/737/749	130C	CC-620/621/631/632/633A	150
V80086BK01	100C	VM-2100	100C	CC-636/639	150
V80096BK01	130C	VM-D100/D101	150	CC-641/643/645/648	150
V80115BK01, VK80116BK01	150	VM-L450/L457/L458/L459	150	CC-740/800/820	150
V80139BK01	151	VP-2100	100C	CC-800	150
V80146BK01, VK80149BK01	154	VP-5420	101C	CC-850	142S
VE550UE	101C	VP-5430	100C	CC-900D	160
<b>PIONEER</b>		VP-5435	101C	CC-1000/1650	150
<b>Model to Empire Battery #</b>		VP-5440/5441/5442	100C	CC-4251/4252/4271	142S
VEM-800	103	VP-5450/5451/5452	100C	CC-4352/4362/4371	142S
VM-50	110	VP-5740/5741/5742/5744	100C	CC-4391/4392/4393	142S
<b>POLAROID</b>		VP-5747/5748/5750/5751	100C	CC-6151/6251/6262/6263	150
<b>Model to Empire Battery #</b>		VP-5756/5757	100C	CC-6271/6272/6291	150
M635	328	VV-9404	100C	CC-6363/6364	150
PR530L	153	<b>Battery to Empire Battery #</b>		CC-6371/6372/6373/6374	150
<b>PREMIER</b>		BP-500/508	150	CC-6383/6384	150
<b>Model to Empire Battery #</b>		KT512RF	NLA	CC-6391/6392/6393/6394	150
DS-A350/S888	315	KT561SE	NLA	CC-8251	166
DS-4330/833088340/8350/8650	315	P-V213A/1B	150	CC-9360/9370/9373	192
DS-8330/8340/8350/8650	315	P-V214A/1B	150	CC-9381/9390	176
<b>Battery to Empire Battery #</b>		P-V215A/1B	150	CCD-FX210/FX230	109
02491-0028-01	315	P-V611A/1B	150	CCR-265/300/305	124
02491-0045-00	315	VE250	112C	CLC-021	NLA
<b>PROSCAN</b>		VE255, VE256	110	CLR-200	104
<b>Model to Empire Battery #</b>		VE257	100C	CMR-200/300/350	104
CC-HIT555/566/577	166	VE258	130C	CPR-100/150	106
PRO 598/698H/898LH/998LH	166	VE550UE	101C	CPR-175	104
PSC10	142S	VE551XE	100C	CPR-250/275	104
PSC15C	150	VSBS0011	100C	CPR-300/350	104
PSC20HB	143	<b>RADIO SHACK - SEE REALISTIC</b>		CPR-S350	104
<b>QUASAR</b>		<b>RCA</b>		CVR-475	154
<b>Model to Empire Battery #</b>		<b>Model to Empire Battery #</b>		QVC-F477/F479	154
PS-40/150	110	170 VJ & OLDER	NLA	PRO 8	109
VH-5420/5430/5435	101C	170 VK & NEWER	NLA	PRO 598	166
VM-10	112C	800, 825, 900	NLA	PRO 660	143
VM-11C	100C	925, 926, 950, 975	NLA	PRO 698H	166
VM-20AC/21AC/22AC	100C	CC-009	NLA	PRO 702C	150
VM-23AC/24AC/25AC	100C	CC-150	106	PRO 742	166
VM-26AC/27AC/29	100C	CC-174	150	PRO 800/807/808	109
VM-32/32AC/33/33AC	130C	CC-175	106	PRO 810/815	143
VM-34/35/37	100C	CC-176/177/178/180	150	PRO 820/820A/825	143
VM-40AC	110	CC-187/188/190	150	PRO 830/840/842/843	109
		CC-250/260/275	104	PRO 844	143*
		CC-265	110	PRO 845	109
		CC-280/285/286	124	PRO 846	143*
		CC-300	104	PRO 847	109
		CC-305/310/311/320	124	PRO 850	143
		CC-350	104	PRO 852	109
		CC-360/390/391	124	PRO 854	143*
				PRO 860/865/867/870	143

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### EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

RCA (CONT'D)		REALISTIC (CONT'D)		RICOH (CONT'D)	
PRO 880/880HB	143	MODEL 102/103	142S	SL-58, SL-68	331
PRO 881HB/883HB/884HB	143	MODEL 125	124	<b>ROLLEI</b>	
PRO 898LH	166	MODEL 126	142S	<b>Model to Empire Battery #</b>	
PRO 930/932	143	MODEL 150	106	DP-8300/8330, NP-83	315
PRO 942/943/943S	143*	MODEL 151/152/153/154	109	PREGO DP4200, DP5200	269
PRO 949	143	MODEL 155	150	PREGO DP6200, DP6300	269
PRO 998LH	166	MODEL 157	143	<b>Battery to Empire Battery #</b>	
PRO B712	164	<b>Battery to Empire Battery #</b>		02491-0015-00	269
PRO EDIT	124	16-804, 16-BP65	142S	02491-0028-01	315
PRO V600	109	23-183	104	02491-0037-00	269
PRO V712/V714	158	23-184	109	02491-0045-00	315
PRO V730/V741/V742	166	23-186	124	<b>SABA</b>	
PRO V801C	150	23-187	100C	<b>Model to Empire Battery #</b>	
PRO V949HB	143*	BT-22RS	115	CVK-2600	110
PRO V950HB	156	P16-BP63	124	VM-6800/6930/6940CD	110
PRO V2000D	156	P16-BT-22	115	VM-6990CD/6995CD	110
PSC10	143	T16-BP64	142S	VMK-6700	110
PSC15C	150	VM-BP21ARS	104	<b>SAMSUNG</b>	
PSC20HB	143	VM-BP61RS	106	<b>Model to Empire Battery #</b>	
VTR-100	106	VM-BP66RS	142S	AD43-00136A/00148A	271
<b>Battery to Empire Battery #</b>		VM-BP82	143	DIGIMAX 301	268
AV-096	124	VM-PB21ARS	104	DIGIMAX i5, i50	222
AV-8M3W	109	R-800H	107	DIGIMAX i6	288
AV-8MLED	150	<b>RICOH</b>		DIGIMAX i8	332
AV-8MM	109	<b>Model to Empire Battery #</b>		DIGIMAX i85	314
AV-8MSW	150	CAPLIO GX/8	228	DIGIMAX L50	288
AV-55	109	CAPLIO R1, R2, Z1	300	DIGIMAX L55W	295
AV-120	104	CAPLIO RR1	183	DIGIMAX L60	281
AV-158C/608/609	109	CAPLIO R3/4/5	284	DIGIMAX L73, L80	288
AV-622	103	CAPLIO R6	319	DIGIMAX L74	314
AV-650	110	CAPLIO RR30	228	DIGIMAX L77	259
AV-800	143	CAPLIO R30/40	284	DIGIMAX L85W	295
BB-060	143	CAPLIO R50	344	DIGIMAX L100/110/210	341
BB-44/45/50	158	CAPLIO 300G/500G/500SE	228	DIGIMAX L700	288
BB-65L	166	DS-6370	331	DIGIMAX L830	332
BB-75	156*	GR-DIGITAL	284	DIGIMAX NV3, NV7	288
BB-90	156	RDC-7/6000	183	DIGIMAX NV4	332
BB-120/150	143	RDC-I500	183	DIGIMAX NV10/15/20/NV24HD	303
BB-700	150	RDC-I700	174	DIGIMAX NV11/NV30/NV40	314
BC-40, BDC-40	160	R-16/17/17C/18H/66/67/86	109	DIGIMAX PRO-815	289
BP-96	110	R-86S	109	DIGIMAX U-CA3/4/5	203
BP-96FL/96FS	124	R-87H	153C	DIGIMAX U-CA401/501/505	203
BV-060	143	R-88/88H/105/108H/200	109	DIGIMAX V3/4/5/6/50/70	268
CB-060	104	R-250/500/600	103	DIGIMAX V700, V800	203
CB-096FL/096FS/096 LONG	142S	R-260	109	DIGIMAX V4000	268
CB-120	104	R-600S/610/612/615/620/630	109	GX-10	238
CBC-060/120	106	R-680/800/808H/810	109	i6PMP	288
EP-096FL/096FS	142S	R-800H	107	i7	318
FB-096FS/120/1260	150	R-830/831/850/860/861/880	109	L77	259
<b>REALISTIC</b>		TF-200	109	L730, L830	332
<b>Model to Empire Battery #</b>		VC-H815	109	SB-P90AB/P90ASL	282
16-801	104	<b>Battery to Empire Battery #</b>		SC-A12/14/20/23/25/30/33/35	109
16-802/803/825	124	DB-20	183	SC-A80/A85	109
16-826	115	DB-30	174	SC-D20/21/23/24/27/29/31/33/34	200
16-830	142S	DB-34	228	SC-D37/39/55/60/67/70/73/75	200
16-851	106	DB-40	203	SC-D77/80/81/86/87/93/99	200
16-852/853	109	DB-43	228	SC-D103/107/130/180/190	200
16-2433	271	DB-50	300	SC-D164	271
16-2434/2435	246C	DB-60	284	SC-D323/325/327/340	200
16-2436	230	DB-70	319	SC-D351/352/353/354/355/357	271
16-3840	253C	DB-80	344	SC-D363/364/365/366	271
16-3843	247C	DRP-2	109	SC-D370	200
16-3882	216	DS-6365	331	SC-D372/D453/455/457	271
16-3848	251	NP-22	103	SC-D530/530T	200
MODEL 100	104	NP-55/77/99	109	SC-D557	271
MODEL 101	124	NP-500	153	SC-D590/590T	200

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

SAMSUNG (CONT'D)		SAMSUNG (CONT'D)		SANYO	
SC-D903	278	VP-D451i/453i/454i/455i	271	<b>Model to Empire Battery #</b>	
SC-D5000	235	VP-D530/D530R/D590/D590i	200	DMC-FE30	294
SC-D6040/D6550	200	VP-D903i/D907i	278	DMX-C1/C4D/C4L/C4N	244
SC-DC164/DC173/DC575	271	VP-D5000/D5000i	235	DMX-C5S/C5T/C5W	244
SC-F30/32/34/35	130C	VP-D6040/D6050/D6050i	200	DMX-C6K/C6R/C6S	244
SC-F500/501	104	VP-D6050i	278	DSC-MZ3	224
SC-F700/702/710/712	152	VP-L100	109	DSC-C4/C5/E6/J4	244
SC-F703/704	130C	VP-L150	150	IDC-1000U/1000Z	221
SC-F754/755/756/765	130C	VP-L300/L330/L350	109	VC-8/10	103
SC-H985/H996	109	VP-L500/520/530/550700	195	VCR-88	103
SC-HMX20C	335	VP-L700U/710/750/750D	195	VEM-8, VEM-800, VEM-D3	103
SC-K60/K70/K75/K80/K85	109	VP-L770/800/850/870	195	VEM-H100/S1/S2	109
SC-L100/L300	109	VP-900/903/907	195	VISION 8	103
SC-L320/L330/350	109	VP-L980	109	VM-8/10/800P	103
SC-L520/L530/L540/L550	195	VP-M50/51/52/53/54	195	VM-D1	109
SC-L600/L610/L630/L650	195	VP-M102/102B/102S	282	VM-D1P	103
SC-L700/L770	200	VP-M105/105B/105R/105S	282	VM-D3/D5/D5P/D6/D6P/D8P	109
SC-L710/L750	195	VP-M110/110B/110L/110R	282	VM-D66/D66P	109
SC-L800	109	VP-M110S/M2100	282	VM-ES77/ES99/H100P	109
SC-L810/L860/L870	195	VP-MS10/11/12/15	296	VM-P5P	109
SC-L901/L903/L906/L907	195	VP-MX10	335	VM-PS12	109
SC-M51/M52/M53	195	VP-X110/X110L	282	VM-RZ1/RZ1A	109
SC-M105S	282	VP-W70U/W71/W75/W75D	195	VME-S88/S88P	109
SC-MS10/11/15	296	VP-W80/W87/W90/W97	195	VPC-C1/C1EX/C4/C4EX/C4GX	244
SC-MX10, MX10P	335	<b>Battery to Empire Battery #</b>		VPC-C4S/C5/C5E/C5EX/C5GX	244
SC-W61/62/71/73/80/87/97	195	AC-43-1001R	109	VPC-C6/CA6/CG6/C40	244
SC-X105L/X110L	282	B-9527	302	VPC-CG65	244
SC-X205/X210/X300/X300L	302	CAB-05/06	152	VPC-E1	244
SC-X704	130C	FB-1260	150	VPC-E6/E6EX/E6U/E7	244
SC-X800X/803/X804/X854	109	IA-BP85ST	335	VPC-HD1/HD1A/H2	294
SC-X904X/915/X953	109	NB-E60A/E70A	109	VPC-HD700	294
SDC-K50/64/128/512	296	NC-120N	109	VPC-HD1000	236
SDC-D256/D512	296	SB-L10A	341	VPC-J4/J4EX/S7	244
SDC-MS61	305	SB-L70/L70A	200	VPC-T700	272
SV-C3/C8	103	SB-L70G	235	VRC-200	112C
SV-C9	110	SB-L110	200	VRC-7300, VTC-5800	114
SV-E27	100C	SB-L110A	195	XACTI C6/CG65	244
SV-H30/H33	109	SB-L110G	235	XACTI HD1	294
VC-E27N/H15N/H815	109	SB-L160	195	XACTI VPC-A5	259
VM-A650/930	200	SB-L220	200	<b>Battery to Empire Battery #</b>	
VM-B97HS/710/730/770	200	SB-L320/L480	195	BNP-22	103
VM-B990/1300/1900/3710	200	SB-LH73	305	DB-L10	224
VM-C630/670/690/730/790	200	SB-LH82	296	DB-L20	244
VM-C890/1500/2000	200	SB-LS80	271	DB-L30	259
VM-C5000	235	SB-LS110/LS220	278	DB-L40	294
VM-M102/M105/M110	282	SB-LSM80/LSM160/LSM320	271	DB-L50	236
VP-A20/22/30/31/33/34	109	SB-P90A	282	DS-5370	272
VP-A50/55/57/800/A850	109	SB-P120A	302	LA2312	100C
VP-D7L/D10/D11/D15/D15i	200	SB-P180A	282	NB-111	191
VP-D20/D21/D21i/D23/D23i	200	SB-P240A	302	NP-1/1A	114
VP-DD24/D26/D30/D31	200	SC-W62	195	SL20	244
VP-D33/D33i/D34/D34i/D39	200	SLB-0637	259	UR-110	191
VP-D55/D60/D63/D65	200	SLB-0737	222	UR-121/121D/124	221
VP-D70/D73/D75/D76/D76i/D77	200	SLB-0837	288	VR-151	158
VP-D80/D81/D82/D83i/D85/D87	200	SLB-0837B	303	<b>SEARS</b>	
VP-D87i/D93/D97/D99/D99i	200	SLB-0937	332	<b>Model to Empire Battery #</b>	
VP-D101/103	200	SLB-1037/1137	203	934	142S
VP-D103i	278	SLB-1137C	318	5368, 5369, 5370	100C
VP-D105/D107/D130/D130i	200	SLB-1137D	314	5372, 5374, 5376, 5377	104
VP-D190/D190i/D190MSi	200	SLB-1237	295	5379	124
VP-D230/D250/D270/D301/D303	200	SLB-1437	268	5524, 5526	142S
VP-D303i/323i	278	SLB-1674	238	53601, 53612	150
VP-D305/D307/D327i/D340	200	SLB-1974	289	53661, 53662, 53671, 53672	130C
VP-D351/351i/352/352i/353	271	SV-LB5	152	53683	100C
VP-D353i/354/354i/355/355i	271	SV-LB6	130C		
VP-D380i	200	SV-NB3/NB4	104		

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 NR: No Replacement

**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

SEARS (CONT'D)		SHARP		SHARP (CONT'D)	
53684, 53685	130C	<b>Model to Empire Battery #</b>		VL-E550	156
53691, 53703	100C	AC-2000	110	VL-E600/E600U/E610U	164
53704, 53705, 53706	109	AD-M20BT	187	VL-E620/E620U	164-2.5*
53708, 53709	109	AD-MS10BT	191	VL-E630U	164
53721	104	AD-S30BT/S31BT	207	VL-E650/E650U	164-2.5*
53722, 53725	143	AD-T50BT/T51BT	207	VL-E660U/E665U	164
53729, 53730, 53732	104	MD-MS702MK	207	VL-E680U/E685U	164
53733, 53734, 53735	142S	MD-MS722	207	VL-E700/E700U/E720/E720U	164
53740, 53741, 53742	104	MD-MT821GL	207	VL-E750/E750U	164
53743, 53744	104	MS-S10BK	187	VL-E760/E760U/E765/E765U	164
53745	124	QC-50	110	VL-E780U/E785U	164
53746	142S	SLIMCAM	146	VL-E850	164
53749, 53761	104	VC-20/250	110	VL-E980U	164
53762, 53763, 53764	142S	VC-363	NLA	VL-EDX10	NLA (09/07)
53781, 53782	142S	VC-C10U	112C	VL-FD1/FD1U	196
53783	142S	VC-C20UA	115	VL-400	109
53790	124	VC-C50/C50UA/C500A	110	VL-H9E	109
53791	104	VIEWCAM Z	229	VL-H47U	156
53792, 53793	142S	VL-50/60/62U/63U/64U	146	VL-H80DU/H95	164
53794	124	VL-73/74UA	108	VL-H400U	109*
53795, 53796, 53801	142S	VL-100UP	109	VL-H410/H410U/H420/H420U	164
53832	104	VL-780H/780S/780X	110	VL-H450/H450U	156
53833	124	VL-A10U	164	VL-H500/H520/H520U	156
53834, 53843	154	VL-A110U/111U/150U	164	VL-H550/H550U	156
53851	109	VL-A160U/260U	164	VL-H700/H800/H800U	164
53882	124	VL-AD260U	176	VL-H810U	156
53884	109	VL-AH30U/AH50U/AH60U	164	VL-H850/H850U	164
55514	150	VL-AH130U/AH131U	164	VL-H860/H860U	176
55534	143	VL-AH150U/AH151U	164	VL-H870/H870U/H875/H875U	176
55624, 55625, 55634	150	VL-AH160U/AH161U	164	VL-H880/H880U	176
55635	109	VL-AH500U/1500/1510	164	VL-H890/H890U/H950U	176
55814, 55824, 55844	109	VL-AX1H	176	VL-HL50	156
55914	154	VL-C2	108	VL-HL100U	109
55428	164	VL-C65	108	VL-L10/L10U	115
58428, 58457, 58458	164	VL-C72UA	110	VL-L30U	146
58537, 58538	142S	VL-C73U/C74UA/C77UA	108	VL-L40U	109
58628, 58657, 58658	150	VL-C80	104	VL-L50/L50U	146
58667, 58668	150	VL-C650U/C670	108	VL-L60U/L62U/L63U	146
58827	109	VL-C690HC/690S/C690X	110	VL-L64U/L65U	146
58828	153	VL-C750U/C770/C780	108	VL-L72U	146
58847	109	VL-C855UA/C860	108	VL-L80U/L80UA	115
58848	153	VL-C6100	108	VL-L94U/L95U	146
58857	109	VL-C7500/7950S	110	VL-L133	158
58878	153	VL-D5000U	156	VL-L150U/L170U/L175/L175U	115
58917, 58937, 58968	150	VL-DC1U/DC3U	156	VL-L180U/L210U	115
		VL-DX10U	NLA (09/07)	VL-L240U	146
	<b>Battery to Empire Battery #</b>	VL-E7E/E8E	109	VL-L250U	115
5399	100C	VL-E30U/E32/E32U	NLA (02/06)	VL-L270U/L270U/L280/L285U	115
52061	109	VL-E33/E34	158	VL-L290/L290U	146
52074	150	VL-E33U/E34U	164	VL-L310U/L330U	115
53834	142S	VL-E35U	NLA (02/06)	VL-L340U/L380U/L390U	146
53981	124	VL-E36	NR	VL-L410U	115
53982	142S	VL-E37/E37U/E39/E39U	158	VL-L490U/L490U	146
53983	142S	VL-E40U/E42	109	VL-L510U	115
53988	109	VL-E43/E46/E47/E49	158	VL-L630/L634	146
53991	130C	VL-E43U/E46U/E47U/E49U	164	VL-L4100U/L4300U	115
53993	NLA	VL-E60/E62DU	164	VL-L8100U	146
53994, 53995	104	VL-E65DU/E66/E66U	164	VL-LXXU	146
VMBP61AS	124	VL-E77/E77U/E78/E78U/E79	164	VL-M6GY/M6SL/M6U	109
		VL-E89/E96/E98	164	VL-ME10H/ME100 PRO	176
		VL-E42U	158		
		VL-E450	156		
		VL-E500U	158		
<b>SELECO</b>					
<b>Model to Empire Battery #</b>					
SVM-7000	110				

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**EMPIRE VIDEO/DIGITAL CROSS-REFERENCE**

SHARP (CONT'D)		SIEMENS		SONY (CONT'D)	
VL-MS7SL	109	<b>Model to Empire Battery #</b>		CCD-TR30/TR31/TR33/TR36	109
VL-MX6/MX7GY/MX7U	109	FA-108-4	103	CCD-TR40/TR45/TR44	109
VL-MX70	109	FA-114/118/122/126	109	CCD-TR50/TR50E	109
VL-N1U	109			CCD-TR54/TR55/TR56	109
VL-NZ8U/NZ10U	205			CCD-TR57	153C
VL-NZ50U/NZ55U/NZ100U	205	<b>SONY</b>		CCD-TR61/TR64/TR65/TR66	109
VL-NZ105U/NZ150U	205	<b>Model to Empire Battery #</b>		CCD-TR67	153C
VL-PD1U	179	AC-VQ11	173	CCD-TR70/72/74/75/75BR	109
VL-PD3U	177	AC-VQ/H10/P10	246C	CCD-TR76	153C
VL-PD6	176	BETA-CAM	114	CCD-TR78/TR81/TR82/TR83	109
VL-RD1U	178	BMC-100/110K/200/220K	NLA	CCD-TR84/TR86	109
VL-S1/S1U/S5/S5U	164	BC-TR1	247C	CCD-TR87	153C
VL-S860	108	BC-V500/V615	153C	CCD-TR88/91/93/94/96	109
VL-SD20U	176	BMC-400/550K/600	NLA	CCD-TR97	153C
VL-SE10/SE10U/SE15	164	BMC-1000K/3000	NLA	CCD-TR98/99/100/101C	109
VL-SE20/SE20U/SE50U	164	BVP-5/7/50/70/90	114	CCD-TR105/105E/112/150	109
VL-SW50U	164	BVP-550 w/BVV-5/DNV-5	114	CCD-TR200	153C*
VL-WD200U	176	BVW-200/300/400/400A	114	CCD-TR205	109
VL-WD250H/WD250U/WD255U	176	BVW-505/507/550/570/590	114	CCD-TR215/280PK/290PK/300	153C
VL-WD450U/WD650U	176	BVW-D600	114	CCD-TR311E/315/315E/317	153C
VL-Z1U/Z3U/Z5U/Z7U	229	CCD-20061	109	CCD-TR380/TR385E/TR400	109
VLE-DX10	NLA (09/07)	CCD-CR1	173*	CCD-TR408E	180C
WD-250U/450U/650U	164	CCD-CR1E	173C	CCD-TR411E/412E/413/414	153C
		CCD-F30	109	CCD-TR415E/416/417/417E	153C
		CCD-F33	CALL	CCD-TR425E/427/427E/500	153C
<b>Battery to Empire Battery #</b>		CCD-F34/35	109	CCD-TR505K/TR514	109
AD-S30BT/S31BT	207	CCD-F36/38/40/45/46	109	CCD-TR511/511E/512E/515E	153C
AD-T50BT/T51BT	207	CCD-F50/55/5670/77	109	CCD-TR516/516E/517/555/610	153C
BT-5C	108	CCD-F150/201/250/280	109	CCD-TR600/TR614	109
BT-20	112C	CCD-F301/F302	109	CCD-TR617/617E/618/618E	153C
BT-21/22	115	CCD-F330	CALL	CCD-TR640E/710/713E/716	153C
BT-30N	146	CCD-F335/F340/F350/F355E	109	CCD-TR700/705/705E/714	109
BT-51/52	110	CCD-F370/F375E/F380	109	CCD-TR717/717E/718/718E	153C
BT-70	109	CCD-F401/F402/F450/F455E	109	CCD-TR728/728E/730E/760E	153C
BT-71/72	110	CCD-F500/F501/F550/F555E	109	CCD-TR748	180C
BT-73	108	CCD-FX3	109	CCD-TR805E/TR814	109
BT-75/76	110	CCD-FX228/FX230/FX280E	109	CCD-TR810E/818/840E/845E	153C
BT-77	109	CCD-FX310/FX311/FX330	109	CCD-TR880E/TR900	109
BT-80/80BKP	159-4S	CCD-FX400/FX410/FX420	109	CCD-TR910/913E/918E	153C
BT-BH70U/BH85U	109	CCD-FX500/FX510/FX511	109	CCD-TR916	109
BT-C4	108	CCD-FX520/FX530	109	CCD-TR917/930/940/950E	153C
BT-C20	112C	CCD-FX620/FX630	109	CCD-TR1100E/2200E/2300	153C
BT-H11U	158	CCD-FX710/FX730V	109	CCR-TR2300E/3000	153C
BT-H21U/H22U/H32U/H42U	164	CCD-FX810/FX830VE	109	CCD-TR3000E	109
BT-L1U/L2U	156	CCD-G100ST	109	CCD-TR3100E/TR3200E	153C
BT-L1U/L2U/L11U/L12U	156	CCD-GV200/GV500	109	CCD-TR3300/TR3300E	153C
BT-L31U	NLA (09/07)	CCD-M7U	109	CCD-TRV4/TRV5/TRV9	153C
BT-L43U	179	CCD-M8E/8EK/8U/9U/10	103	CCD-TRV11/TRV12	109
BT-L44U	178	CCD-RV100/RV200	153C	CCD-TRV15/TRV16/TRV16E	153C
BT-L221	177	CCD-SC5/SC5E/SC6	153C	CCD-TRV19/TRV21/TRV22	109
BT-L221U	176	CCD-SC6E/SC8E	109	CCD-TRV20	180C
BT-L223U	196	CCD-SC7/SC7E/SC9	153C	CCD-TRV22	109
BT-L225U	205	CCD-SC55/55E/65	153C	CCD-TRV25/TRV27E	153C
BT-L226U	229	CCD-SP5/SP5G/SP5Y	109	CCD-TRV29/30/32/33	109
BT-L241/L241U/L441/L441U	176	CCD-SP7/SP9	109	CCD-TRV35/36/37/37E	153C
BT-L445U	205	CCD-TR1/TR1E/TR2/TR3	153C	CCD-TRV40	109
BT-LS222U/LS242U	214	CCD-TR4/TR5/TR6	109	CCD-TRV41/43/45K/46/46E/47	153C
BT-N1U/N11U	158	CCD-TR7/TR8/TR9	109	CCD-TRV47E/48/48E/49/51	153C
VB-BL5	156	CCD-TR11/TR12/TR18/TR18E	153C	CCD-TRV52/TRV53	109
VR-BL71	156	CCD-TR21/TR23	109	CCD-TRV54E/55/56E/57/57E	153C
VR-BL72	NLA (09/07)			CCD-TRV58/59/59E/61E	153C
VR-BL74	196			CCD-TRV62/63/64E	153C
VR-BL75/BL81	156			CCD-TRV65/65E/66/66E/66K	153C
VR-MS1U	NLA (09/07)			CCD-TRV67/67E/68/71/72/75	153C
				CCD-TRV78/78E/80PK/81/82	153C
				CCD-TRV85/85K/86PK/87/87E	153C

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### EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

SONY (CONT'D)		SONY (CONT'D)		SONY (CONT'D)	
CCD-TRV88/90/91/91E/92/93	153C	DCR-DVD505/602/602E	246C	DCR-TRV60/60E/70/70K	180C
CCD-TRV93/93E/94E	153C	DCR-DVD653/653E/703/703E	246C	DCR-TRV75/75E/80/80E	180C
CCD-TRV95/95E/95K	153C	DCR-DVD803/803E	246C	DCR-TRV103/110/110E/110K	153C
CCD-TRV96K	180C	DCR-HC14/14E/15/15E	180C	DCR-TRV116/116E/118/118E	180C
CCD-TRV98/98E/99/101	153C	DCR-HC16/16E/17/17E	246C	DCR-TRV120/120E/125E	153C
CCD-TRV106K/107/108/108E	180C	DCR-HC18/18E/20/19E/20E	246C	DCR-TRV130/130E	153C
CCD-TRV112	109	DCR-HC21/21E/22E/26/28/29	246C	DCR-TRV138/140/140E/140U	180C
CCD-TRV116/TRV118	180C	DCR-HC30	246C	DCR-TRV145/145E	180C
CCD-TRV119	109	DCR-HC30E/30G/30L/30S	246C	DCR-TRV203/210/210E/220K	153C
CCD-TRV126/128/138	180C	DCR-HC32/32E/33E/36/39E	246C	DCR-TRV230/230E/235E	180C
CCD-TRV201	153C	DCR-HC40/40E/40S/40W	246C	DCR-TRV238/238E/239	180C
CCD-TRV208/208E	180C	DCR-HC41/42/42E/43/43E/46	246C	DCR-TRV240/240E/240K	180C
CCD-TRV211/TRV212	109	DCR-HC65/85/85E/96	246C	DCR-TRV245/245E/250/250E	180C
CCD-TRV215	153C	DCR-HC52/HC62	308(NYA)	DCR-TRV255/255E/260	180C
CCD-TRV218/TRV218E	180C	DCR-HC88	180C	DCR-TRV265/265E/270E/280	180C
CCD-TRV228/228E/238/238E	180C	DCR-HC90	263-1	DCR-TRV285E/300K/310	180C
CCD-TRV312	109	DCR-HC1000/1000E	209C	DCR-TRV310E/310K/315	153C
CCD-TRV315	153C	DCR-IP1/IP1E/IP1K/IP5/IP5E	209C	DCR-TRV318	180C
CCD-TRV308/318/328/338	180C	DCR-IP7/IP7BT/IP7E	209C	DCR-TRV320/320E	153C
CCD-TRV408/TRV408E	180C	DCR-IP45/45E/55/55E	209C	DCR-TRV325/330/330E/338	180C
CCD-TRV416	153C	DCR-IP200K/210/210E	209C	DCR-TRV340/340E/345/345E	180C
CCD-TRV418/418E/428/428E	180C	DCR-IP220/220BT/220E/220K	209C	DCR-TRV350/355/355E/360	180C
CCD-TRV428E/TRV438E	180C	DCR-PC1/PC1E/PC2/PC2E	173C	DCR-TRV420E	153C
CCD-TRV512	109	DCR-PC3/PC3E/PC4/PC4E	173C	DCR-TRV430E/460/460E	180C
CCD-TRV517	153C	DCR-PC5/PC5E	173C	DCR-TRV480/480E	180C
CCD-TRV608	180C	DCR-PC6/PC6E	180C	DCR-TRV510/520/520E/525	153C
CCD-TRV615/620/715/716/720	153C	DCR-PC7	163	DCR-TRV530/530E	180C
CCD-TRV728	153C	DCR-PC8/PC8E/PC9/PC9E	180C	DCR-TRV620E/620K/720/720E	153C
CCD-TRV730/740/748E	180C	DCR-PC10	163	DCR-TRV725/730/730E	180C
CCD-TRV815/TRV900	153C	DCR-PC55/55B/55R/55S/55W	263	DCR-TRV735K	153C
CCD-TRV911	109	DCR-PC100/101/101E/101K	180C	DCR-TRV738/738E/740/740E	180C
CCD-TRV930/940	153C	DCR-PC103/103E/104/104E	180C	DCR-TRV820/820E/820K	153C
CCD-TRV3000	153C	DCR-PC105/105E/105K	180C	DCR-TRV828/828E/830/830E	180C
CCD-V1/V3	103	DCR-PC106/106E/107/107E	209C	DCR-TRV840	180C
CCD-V4	109	DCR-PC108E/109109E	209C	DCR-TRV900/900E/935K	153C
CCD-V5/V7/V7F/V8/V8AFU	103	DCR-PC110/110E/115/115E	180C	DCR-TRV940E/950/950E	180C
CCD-V9/V11/V22	109	DCR-PC120/120BT/120E	180C	DCR-TV900/TV900E	153C
CCD-V30/V35/V50E/V50F	103	DCR-PC300K/330/330E	180C	DCR-VX700	153C
CCD-V88/V90/V95E/V99	109	DCR-PC350/PC350E	209C	DCR-VX1000/1000E/2000	153C
CCD-V100	103	DCR-PC1000	263	DCR-VX2000E/2100/2100E	153C
CCD-V101	109	DCR-R1	180C	DCR-VX9000	153C
CCD-V110/V200/V220	103	DCR-SC100	153-1.5C	DIGITAL MINI DISC	NLA 12/07
CCD-V600/V700E/V701	109	DCR-SR40/42/60/80/100	246C	DKC-1D	153-1.5C*
CCD-V800/800E/801/801E	109	DCR-SR45/65/82/85	308(NYA)	DKC-FP3	153C
CCD-V900/V5000/V5000E	109	DCR-SR4262/200/220/300	308 (NYA)	DNW-7/9WS/90/90WS	114
CCD-VD1	103	DCR-TR7000/7000E/7100E	153C	DSC-A700	NYA
CCD-VX1E	NLA 12/07	DCR-TR8000E/8100E	153C	DSC-CD250/CD400	153-1.5C*
CCD-VX3	109	DCR-TRU47E	153C	DSC-D700/D770	153C
CRX10U	153C	DCR-TRV1VE	173C	DSC-F1/F2	185
CVX-V18NS/V18NSP	153C	DCR-TRV5	153C	DSC-F55/F55DX/F55K/F55V	173C
D-V500	153C	DCR-TRV6/TRV6E	180C	DSC-F77	180C
DCM-M1	153-1.5C*	DCR-TRV7	153C	DSC-F77A	206C
DCR-30	246C	DCR-TRV8/TRV8K	180C	DSC-F88	253C
DCR-DVD7	263	DCR-TRV9	153C	DSC-F505/F505K/F505V	173C*
DCR-DVD91/91E	180C	DCR-TRV10/10E/11/11E	180C	DSC-F707/F717/F828	180C*
DCR-DVD92/92E	246C	DCR-TRV12/12E/14/14E	180C	DSC-FV505	173C*
DCR-DVD100/100E/101/101E	180C	DCR-TRV15/15E/16/16E	180C	DSC-FX77	180C
DCR-DVD103/105	246C	DCR-TRV17/17E/17K	180C	DSC-G1	253C
DCR-DVD108	308 (NYA)	DCR-TRV18/18E/18K	180C	DSC-H3/H5/H7/H7B/H9/H9B	287
DCR-DVD200/200E/201/201E	180C	DCR-TRV19/19E/20/20E	180C	DSC-L1/L1B/L1R/L1S/L1W/M1	247C
DCR-DVD202E/203/203E	246C	DCR-TRV22/22E/22K/23	180C	DSC-M2	253C
DCR-DVD610/710/810/910	308(NYA)	DCR-TRV24/24E/25/25E	180C	DSC-N1/N2	287
DCR-DVD203KIT1/205	246C	DCR-TRV27/27E/30/30E	180C	DSC-P1	173C
DCR-DVD300/301	180C	DCR-TRV33/33E/33K/38/39	180C	DSC-P2/3/5/7/8/9/10	206C*
DCR-DVD305/403/403E/405	246C	DCR-TRV40/40E/50/50E	180C		
DCR-DVD308/408/508	308(NYA)	DCR-TRV49E/TRV58E	153C		

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EMPIRE VIDEO/DIGITAL CROSS-REFERENCE

SONY (CONT'D)		SONY (CONT'D)		SONY (CONT'D)	
DSC-P8L/P8R/P8S	206C	HDR-HC1	180C	NP-22/22H	103
DSC-P9/P10L/P10S	206C	HDR-HC3/HC5/HC7/HC9	308 (NYA)	NP-23	114
DSC-P12	180C	HDR-S1/SR1/UX1	180C	NP-33	109
DSC-P20/P30/50/70	173C*	HDR-SK	180	NP-55/55H	109
DSC-P100/P100L/P100LJ	253C	HDR-SR5/UX5/UX7	308 (NYA)	NP-60D/66/66H/68	109
DSC-P100PP/P100R/P100S	253C	HDR-SR10/SR11/SR12	308(NYA)	NP-77/77H	109
DSC-P120/P150/P150B	253C	HDR-UX10/UX20	308(NYA)	NP-80/80D/88	109
DSC-P150L/P150LJ/P150S	253C	HDW-700A/750/F900	114	NP-90/98/98D/99	109
DSC-P200/P200B/P200R	253C	HVL-10DC	173	NP-500/510/520/530	153C
DSC-P200S	253C	HVL-20DW2	153C	NP-720/730/930	153C
DSC-R1	180C	HVL-IRM	180C	NP-BD1	334
DSC-S30/S50/S70/S75/S85	180C*	HVL-ML20M	180C	NP-BG1	287
DSC-T2	334	HVR-A1U	180C	NP-F10/F20/F30	173
DSC-T3	153C	HVR-M10C/10E/10N/10P/10U	153C	NP-F100/F200/F300	163
DSC-T1/T3B/T3S	247C	HVR-Z1C/Z1U	153C	NP-F330/F500/F530	153C
DSC-T5/T5B/T5N/T5R/T5S	247C	KV-5300	114	NP-F550/F550J/F570	153C
DSC-T7/T7B/T7S	274	MICRO MV	209	NP-F730/F730H	153-3.2C
DSC-T9	147C	MPK-DVF4	153C	NP-F750/F750SP/F770	153C
DSC-T10/T10B/T10W/T11	247C	MPK-M8	103	NP-F930/F950/F960	153C
DSC-T20/20B/20W/20P	287	MVC-5000	109	NP-F970	153-6.6C
DSC-T30	253C	MVC-CD200/CD250/CD300	180C*	NP-FA50	263
DSC-T33	247C	MVC-CD350/CD400/CD500	180C*	NP-FA70	263-1
DSC-T50/T50B	253C	MVC-CD1000	153-1.5C*	NP-FC10	206C
DSC-T70	334	MVC-FD5/FD7/FD51	153-1.5C*	NP-FC11	206C
DSC-T100/100R	287	MVC-FD71/FD73/FD75	153-1.5C*	NP-FD1	334 (NYA)
DSC-T200	334	MVC-FD73K/83K/88K	153C	NP-FE1	274
DSC-V1	206C*	MVC-FD81/FD83	153-1.5C*	NP-FF50/51/51S/70/71	209C
DSC-V3	253C	MVC-FD85/FD87/FD88	153-1.5C*	NP-FH30/40/50/60/70/100	308 (NYA)
DSC-W30/35/40/50/55/70/75	287	MVC-FD90/FD91/FD92	153-1.5C*	NP-FM30/FM50/FM55/FM70	180C
DSC-W80/90/100/100B/200	287	MVC-FD95/FD97	153-1.5C*	NP-FM90/FM91	180C
DSLR-A100/A700	NYA	MVC-FD100/FD200	153-1.5C*	NP-FM500H	NYA
DSP-P1	173C*	MVC-FDR1/R1E/R3/R3E	153C	NP-FP30/FP50/FP70/	246C
DSR-1/130/130P	114	PAK-7	103	NP-FP71/FP90	246C
DSR-200	153C	PBD-D50/V30	153C	NP-FQM71/FQM91	180C
DSR-250	250	PCR-TRV7	173C	NP-FS10/FS12/FS22/FS32	173C
DSR-300/370K1, K2	114	PLM-50/100	153C	NP-FS11/FS21/FS31	173C
DSR-500/570WSL	114	PLM-A35/A55	153C	NP-FR1	253C
DSR-PD1	163	PMW-EX1	346(NYA)	NP-FT1	247C
DSR-PD100/100A/100AP/100P	153C	PVM-8040/8041Q/8044Q/8045	292	NP-QM71/QM71D/QM91/QM91D	180C
DSR-PD150/170/170P	153C	PVM-9041Q/9044Q	292	NP-S88/S88A	NLA
DSR-PD150P	180C	PVV-3	114	NPA-55	103
DSR-PDX10/PDX10P	180C	PVW-637	114	NPE-BP36	103
DSR-V10/V10P	153C	Q002-HDR1	153C	<b>SUNPAK</b>	
DVW-7700/700WS/707	114	SL-2000/2005	114	<b>Model to Empire Battery #</b>	
DVW-709/709WS/790WS	114	SLF-1	114	SV8	118
DXC-637/3000	114	SLO-340	114	SV10, SV11	109
DXC-D30/D35	114	TR-670E	109	<b>SYLVANIA</b>	
DXC-M2A/M3A	114	TR-V70E	109	<b>Model to Empire Battery #</b>	
ED-CAM	114	UPX-2000	153C	VC4000, VC4500	NLA
EDC-50	114	UPX-C21	153C	VC4511SL01, VC4512SL01	100C
EV-P10	103	VCL-ES06A	153C	VC4513SL01, VC4514SL	100C
EVC-8/10	103	VO-6800	114	VC4515	NLA
EVC-X7	109	WATCHMAN	109	VC4515SL01	100C
EVO-250	153C	XV-M30/MH30	109	VC4520, VC4525SL01	100C
EVO-9100	109	<b>Battery to Empire Battery #</b>		VC4526, VC4527SL01	100C
EVW-300L	114	BP-2X/2EX	NLA 12/07	VC4530	100C
GRD 750US	173	BP-60	NLA	VC4530BK01	101C
GV-8/9/9E	109	BP-L40/40A/60/60A/65H	250	VC4540SL01	100C
GV-100/300/500	109	BP-L90/90A	250	VC4545, VC4546	100C
GV-A100/A500/A500E/A700	153C	BP-U30/U60	346(NYA)	VCC140SL01	112C
GV-D200/D300/D800/D900	153C	EB-55	109	VCC145	110
GV-D1000	180C*	LIP-8	184	VCC150	112C
GV-U5/U5K	109	LIP-10	185	VCC151, VCC151AV01	100C
HCR-HC21/HC33/HC43	246C	LIP-12/12H	186	VCC152	100C
HDR-CX7	308(NYA)	NP-1/1A/1B/1H/1SB	114	VCC155	110
HDR-FX1/FX1E/FX7	153C	NP-11	NLA	VCC157, VCC159	100C

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SYLVANIA (CONT'D)		TOSHIBA		YASHICA (CONT'D)	
VCC161	100C	<b>Model to Empire Battery #</b>		KD-H130/H150/H170	109
VCC165	110	3D-CAM	110	KD-M710/M770	109
VKC210, VKC221	130C	151	100C	KD-S820	113
VKC242	100C	AI-33AFK/420P	110	KX-35U	109
VLC218, VLC225	130C	GIGASHOT V10	322	KX-70/70E/77	109
VMC226	130C	GSC-A40F/A100F/K80H	340	KX-90/90E/95/95U	109
VMC260	150	GSC-R30/R60	313	KX-H1	109
<b>Battery to Empire Battery #</b>		IK-2200	110	KX-V1U	153C
AR8378BK01	100C	PDR-5300	203	MICRO ELITE 3300	183
AR8390BK01	NLA	PDR-M3	174	SL-300R	245
AR8395BK01	100C	PDR-M4/M5/M60/M70	183		
SC2124	NLA	PDR-T30	203	<b>Battery to Empire Battery #</b>	
SC2154	101C	PDR-3310	207	BAP-100	103
V80039BK01	100C	SK-3D5/3D7	110	BP-150/170	109
V80076BK01, V80085BK01	110	SK-40/50P/57/60/70/80	110	BP-780S	245
V80086BK01	100C	SK-F100/F200	NLA	BP-800S/880S/900S/1000S	207
V80096BK01	130C	SK-S80U/S90U	110	BP-1100R	183
V80115BK01, V80016BK01	150	V-8030T/9035	114	BP-1501/1502/1550	109
VE550UE	101C	<b>Battery to Empire Battery #</b>		BP-V1	153C
VSBS0016	130C	GSC-BT5	313		
<b>TAMRON</b>		GSC-BT6, 7	340	<b>ZENITH</b>	
<b>Model to Empire Battery #</b>		MEHBT4	322	<b>Model to Empire Battery #</b>	
C-8100	109	NP-80	183	HQ-800	110
CX-7MU	109	NP-100	174	VC-1000	NLA
<b>Battery to Empire Battery #</b>		PDR-BT1/BT1A/BT2/BT2A	183	VM-5000/6000/6100	110
NP-55/55H/60D/77/77H	109	PDR-BT3	203	VM-6150/6175/6180/6190/6200	110
<b>TECHNIKA</b>		PDR-BT9	207	VM-6300	110
<b>Model to Empire Battery #</b>		TBP-7U/8U/9U	110	VM-6400	150
C-5000	112C	TBP-100	114	VM-6500	110
C-5010/6000/6010/7000	100C	TBP-120	110	VM-6700C	150
C-7500	110	TBP-F1/F2	NLA	VM7000	NLA
CX-700/711	100C	<b>VIVITAR</b>		VM-7030/7050	110
CX-751/757	110	<b>Model to Empire Battery #</b>		VM-7060	154
CX-811	100C	MAGIC 8	103	VM-7065	124
CX-911	104	MAGIC VHS	104	VM-7070	110
CX-921	130C	TRAVELER DC8300, DC8600	315	VM-7076	124
CX-971S	100C	VM-8350	103	VM-7130/7150/7170	110
<b>Battery to Empire Battery #</b>		VM-9350	104	VM-7500	110
CB-520	112C	6330s	324	VM-8000	109
CB-620	100C	8300s, 8330, 8600	315	VM-8300	110
CB-752	110	<b>Battery to Empire Battery #</b>		VMC-450	150
CB-812	100C	NP-22/22H	103	VMG-100/200	110
CB-911	104	02491-0028-00	315	VPM-1000	110
CB-920	130C	02491-0045-01	315	VR-5000/5100	NLA
		02491-0057-00	324	VR-9500/9800/9850	114
<b>TELEFUNKEN</b>				<b>Battery to Empire Battery #</b>	
<b>Model to Empire Battery #</b>		<b>WARDS</b>		NP-22/22H	103
A-858P/885P/895P/890	110	<b>Model to Empire Battery #</b>		VAC-101/106	NLA
A-2000P	110	10650, 10651, 10652	100C	VAC-110	150
VM-4000/4100/4200/4300	110	10655	108	VAC-402/403/415/445	110
VR-289	110	10687	100C	VAC-560	150
VR-510/900	NLA	SIGNATURE	108	VAC-620/645/690	110
VR-1890/2890/2891	110	SIGNATURE 2000	100C	VAC-695	124
VR-2892	110	UBATN0018GEZZ	108	VAC-790/791	110
VR-2910	NLA			VAC-795	124
<b>Battery to Empire Battery #</b>		<b>YASHICA</b>		VAC-900	103
VZ-925/926/933	110	<b>Model to Empire Battery #</b>		VAC-901	104
		DSC-F707	180	VAC-902	118
<b>THOMSON</b>		DSC-P1	173C*	VAC-903	115
<b>Model to Empire Battery #</b>		DSC-S75/S85	180	VAC-904	143
CRV-04P/05	110	FINECAM 3L	207	VAC-905	100C
CVM-01P	110	FINECAM S3/S3L/S3R/S3X	207	VAC-906	109
VM-30	110	FINECAM S4/S5/S5R	207	VAC-907	130C
		KD-200K/1100U	103	VAC-8045/8050	109
		KD-1700	109	VRB-9851	114
		KD-5010/5050/5820	109		

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