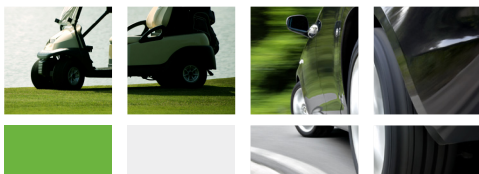
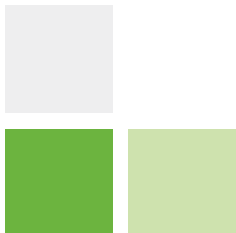




BATTERY RANGE 2014



CP SERIES

VISION CP SERIES valve regulated lead acid batteries are designed with AGM (Absorbent Glass Mat) technology for general application purposes.

With 5 years design life, the batteries comply to the most popular International standards including IEC896-2, BS6290-4 AND EUROBAT GUIDE.



GENERAL FEATURES

- Alarm Systems
- Communications Equipment
- Control Equipment
- Electronic Test Equipment
- Emergency Lighting systems
- Fire and Security Systems
- Medical Equipment
- Telecommunications Systems
- Uninterruptible Power Supplies
- Vending Machines

APPLICATIONS

- Stable Quality & High Reliability
- Sealed Construction
- Long Service Life in Float or Cyclic
- Maintenance Free Operation
- Low Pressure Venting System
- Heavy Duty Grid
- Low Self Discharge
- U.L Component Recognition (MH25860)

Product Code	Voltage (V)	20H Rate Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height (mm)	Weight (kg)
CP612	6	1.2	97	24	52	58	0.3
CP628	6	2.8	66	33	97	104	0.6
CP632	6	3.2	134	34	61	67	0.7
CP645	6	4.5	70	47	101	107	0.8
CP670	6	7	151	34	94	100	1.4
CP6120	6	12	151	50	94	100	2.0
CP1212	12	1.2	97	43	52	58	0.6
CP1223	12	2.3	178	35	61	67	1.0
CP1226	12	2.6	178	35	61	67	1.0
CP1229	12	2.9	79	55	98	104	1.2
CP1232	12	3.2	134	67	61	67	1.4
CP1245	12	4.5	90	70	101	107	1.7
CP1250H	12	5	90	70	101	107	1.8
CP1270	12	7	151	65	94	100	2.4
CP1290	12	9	151	65	94	100	2.8
CP12120	12	12	151	98	95	101	3.9
CP12170	12	17	181	77	167	167	5.7
CP12240	12	24	166	175	125	125	8.6
CP12280S	12	28	165	125	175	182	9.9



FM SERIES

VISION FM Series are designed for general-purpose applications, including UPS, telecom, and electrical utilities.

With 10 years design life, the batteries comply to the most popular international standards, including IEC896-2, BS6290-4 and Eurobat Guide.

The battery container and cover are available both in V0 class flame retardant ABS or HBO ABS plastics.

With more than 15 years of production experience, the VISION FM Series of VRLA batteries are recognized as the most reliable and high quality batteries in the industry.

APPLICATIONS

- UPS
- Telecom Systems
- Solar Systems
- Electric Wheelchair
- Golf Car
- Emergency Power

GENERAL FEATURES

- High Reliability and Good Quality
- Deep Discharge Recovery
- High Power Density
- Long Service Life in Float or Cyclic
- International Standard, JIS and DIN

Product Code	Voltage (V)	10H Rate Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height (mm)	Weight (kg)
3FM225	6	225	320	176	225	247	30.5
3FM225SX	6	225	260	180	247	247	30.5
6FM9Y	12	8.2	151	65	94	100	2.8
6FM33	12	33	195	130	155	168	10.2
6FM40	12	40	197	165	170	170	13.5
6FM55	12	55	229	138	208	220	19.0
6FM60	12	60	258	166	206	215	24.0
6FM65	12	65	350	167	179	179	23.4
6FM75	12	75	258	166	206	215	24.0
6FM80	12	80	350	167	179	179	24.0
6FM100	12	100	330	171	215	222	32.0
6FM120	12	120	410	176	227	227	38.0
6FM150	12	150	485	172	240	240	55.5
6FM200	12	200	522	238	218	223	65.0
6FM230	12	230	520	269	203	208	72.6



CT SERIES

- Front Terminal
- Ideal for Communication applications
- 12 years design life

Product Code	Voltage (V)	10H Rate Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height (mm)	Weight (kg)
CT1250X	12	50	277	106	222	229	17.3
CT1280X	12	80	564	115	189	189	28.2
CT12100X	12	100	508	110	223	238	32.0
CT12105X	12	105	395	110	286	293	35.0
CT12125X	12	125	436	108	317	317	41.0
CT12140X	12	140	552	110	228	295	49.0
CT12150X	12	150	548	105	316	316	49.0
CT12180X	12	180	546	125	317	323	60.0

HP & HF SERIES

- Superior energy density and very high power output
- Can deliver 40% more power than CP/FM Series



Product Code	Voltage (V)	20H Rate Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height (mm)	Weight (kg)
HP12116WX	12	20	181	77	167	167	6.5
HF12135W	12	24	166	175	125	125	9.0
HF12155W	12	28	165	125	175	175	9.7
HF12165W	12	33	195	130	155	168	11.7
HF12320W	12	75	258	166	206	215	24.0
HF12420W	12	90	306	169	210	215	30.0
HF12470W	12	100	330	171	215	220	33.0
HF12560W	12	120	410	176	227	227	37.7
HF12650W	12	150	482	170	241	241	46.4
HF12890W	12	200	522	238	218	223	67.0



CL SERIES

- 15 Years design life
- Wide operating temperature range
- Low self discharge

Product Code	Voltage (V)	10H Rate Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total Height (mm)	Weight (kg)
CL200	2	200	173	111	330	364	15.0
CL300	2	300	171	151	330	364	21.0
CL400	2	400	210	176	330	367	28.0
CL500	2	500	241	175	330	365	33.0
CL600	2	600	302	175	330	367	42.0
CL800	2	800	410	175	330	367	57.0
CL1000	2	1000	475	175	330	367	66.5
CL1500	2	1500	400	350	345	382	100.0
CL2000	2	2000	490	350	345	382	132.0
CL3000	2	3000	710	350	345	382	204.0



NEUTON POWER SECURITY



APPLICATIONS

- Emergency lighting
- Fire Alarms
- Security Systems
- Hunting & Fishing Equipment
- UPS
- Power Tools
- Control Equipment

Product Code	Electrical Capacity		Physical Specifications			
	Voltage (V)	20H Rate Capacity (AH)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
NP12V7AH	12	7	151	65	94	2.0

HIGH RATE MAX XT SERIES

APPLICATIONS

- Data Centres
- Network Operation Centres
- Industrial Process Control Facilities
- Internet Housing Sites
- Banks and Finance Markets
- Power Generation Plants
- Hospital and Testing Laboratories
- Emergency Response Centres



Product Code	Voltage (V)	Watts/Cell @ 15 Min	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Terminal Type
UPS12100MRX	12	100	197	132	166	10.7	Insert (#10-32 UNF)
UPS12130MRX	12	130	197	132	166	11.5	Insert (#10-32 UNF)
UPS12150MRX	12	150	197	132	166	12.4	Insert (#10-32 UNF)
UPS12200MRX	12	200	229	139	200	17.7	Insert (#10-32 UNF)
UPS12220MRX	12	220	229	139	200	19.0	Insert (#10-32 UNF)
UPS12280MRX	12	280	279	174	201	25.7	Insert (1/4-20 UNC)
UPS12320MRX	12	320	273	174	201	27.0	Insert (1/4-20 UNC)
UPS12370MRX	12	370	319	173	203	31.5	Insert (1/4-20 UNC)
UPS12400MRX	12	400	341	173	213	35.3	Insert (1/4-20 UNC)
UPS12440MRX	12	440	341	173	213	36.0	Insert (1/4-20 UNC)
UPS12475MRX	12	475	341	173	213	38.0	Insert (1/4-20 UNC)
UPS12490MRX	12	490	345	173	275	46.6	Insert (1/4-20 UNC)
UPS12520MRX	12	520	345	173	275	47.2	Insert (1/4-20 UNC)
UPS12550MRX	12	550	345	173	278	48.6	Insert (1/4-20 UNC)
UPS12600MRX	12	600	345	173	275	49.4	Insert (1/4-20 UNC)
UPS12630MRX	12	630	345	171	275	52.9	Insert (1/4-20 UNC)

HIGH RATE MAX XT FRONT ACCESS

APPLICATIONS

- Data Centres
- Network Operation Centres
- Industrial Process Control Facilities
- Internet Housing Sites
- Semiconductor Manufacture
- Banks and Finance Markets



Product Code	Voltage (V)	Watts/Cell @ 15 Min	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Terminal Type
UPS12410MRXF	12	410	498	108	215	37.1	Insert (M6)
UPS12615MRXF	12	615	547	123	269	55.2	Insert (M8)
UPS12700MRXF	12	700	547	123	310	64.9	Insert (M8)
UPS12100MRXF	12	1000	547	153	311	85.2	Insert (M8)



OPzV TUBULAR GEL SERIES

C&D Tubular GEL (OPzV) Series range of valve regulated lead acid stationary batteries combine the GEL regulated lead acid stationary batteries combine the benefits of recombination technology (i.e. Virtually no maintenance due to very low gas emissions) plus the advantages of conventional vented batteries with positive tubular plates (i.e. long life and excellent cycling capability).

GENERAL FEATURES

- **Design Life:** 15 Years
- **Tubular Positive Plate** - Special grid construction, pressure cast from antimony free alloy, with highly porous gauntlets that retain the active material.
- **Pasted negative plate** - Service lives consistent with the positive plates.
- **Separators** - Extremely high porosity and low internal resistance
- **Electrolyte** - Gel structure
- **Containers and lids** - Made of plastic (ABS) material. Also available in ABS flame retardant material as an option (according to IEC 707 FVO)
- Cells are normally installed in an upright position on steel stands
- **One way relief valve** - Opens at low pressure and is fitted with a flame arrestor device

APPLICATIONS

- Telecommunication Systems
- Uninterruptible power systems
- Electric power systems
- Control equipment
- Medical equipment
- Fire & security systems
- Solar systems
- Wind energy systems

Product Code	Voltage (V)	10H Rate Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Terminal Type
CD2200TGEL	2	200	103	206	354	19.0	M10
CD2250TGEL	2	250	124	206	354	23.0	M10
CD2300TGEL	2	300	145	206	354	28.0	M10
CD2350TGEL	2	350	124	206	471	31.0	M10
CD2420TGEL	2	420	145	206	471	36.0	M10
CD2490TGEL	2	490	166	206	471	41.0	M10
CD2600TGEL	2	600	145	206	643	49.0	M10
CD2800TGEL	2	800	210	191	664	65.0	M10
CD21000TGEL	2	1000	210	233	646	80.0	M10
CD21200TGEL	2	1200	210	275	665	93.0	M10
CD21500TGEL	2	1500	210	275	796	115.0	M10
CD22000TGEL	2	2000	214	399	771	155.0	M10
CD22500TGEL	2	2500	214	487	769	200.0	M10
CD23000TGEL	2	3000	214	576	771	235.0	M10

RENEWABLE CELLS

For Solar Applications



Crown provides the best available power storage solutions for solar and wind power systems.

Crown Batteries are the Heavy Weight - and that's important. Because "heavy" means energy dense plates that use more active lead materials. Heavier plates that use more active lead materials are directly related to stronger battery performance and longevity. So, other things being equal, batteries with more active lead material will last the longest. And Crown leads the industry in terms of lead content per ampere-hour of rated capacity. Period.

- Premium Crown batteries with more lead & thicker plates, delivering superior performance
- Robust metal case with corrosion resistant coating
- Universal fitment removable lid for ease of maintenance
- Comfort grip handles
- Complete with water miser caps

SUSTAINABILITY

- The most complete, dedicated array of RE batteries as compared with other manufacturers.
- Recognition of Crown Renewable Power Batteries as "Best Available" and "Most Reliable" by serious system owners.

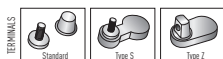
Product Code	Voltage (V)	20H Rate Capacity (Ah)	100H Rate Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CRE2V15X125	2	1155	1601	148	161	824	70.0
CRE2V17X125	2	1320	1830	167	161	810	76.0
CRE2V19X125	2	1485	2059	186	161	810	85.0
CRE2V21X125	2	1650	2288	205	161	810	96.0
CRE2V23X125	2	1815	2516	223	161	810	105.0
CRE2V25X125	2	1980	2745	243	161	850	112.0
CRE4V17X55	4	581	805	336	159	640	81.0
CRE4V9X125	4	660	915	180	159	824	45.0
CRE4V17X65	4	686	952	336	159	640	85.0
CRE4V15X85	4	785	1089	320	159	640	102.0
CRE4V17X85	4	898	1244	336	159	640	112.0
CRE4V19X85	4	1010	1400	374	159	640	124.0
CRE4V21X85	4	1122	1556	320	161	640	132.0
CRE4V23X85	4	1234	1711	320	224	640	145.0
CRE4V25X85	4	1346	1867	320	243	640	156.0
CRE6V7X65	6	257	357	212	159	522	80.0
CRE6V5X125	6	330	458	155	159	824	90.0
CRE6V7X85	6	337	467	212	159	640	80.0
CRE6V9X65	6	343	476	269	159	522	80.0
CRE6V9X85	6	449	622	269	159	640	92.0
CRE6V13X65	6	515	714	383	159	522	97.0
CRE6V11X85	6	561	778	326	159	640	112.0
CRE6V13X85	6	673	933	383	159	640	122.0



6,8 AND 12 VOLT HEAVY DUTY DEEP CYCLE BATTERIES



Nobody builds them like Crown. Nobody. Because no one else invests in the heaviest, thickest plates in the industry. Ours are over 10% thicker than our competitors. Combine that with our proprietary PROeye™ and our low-maintenance container - features that make battery maintenance predictable and efficient - and you've got a battery that's going to last longer and perform like no other.



GENERAL FEATURES

- **Heat sealed Case and Cover Design**

- **PROeye™**

No mess, no guess system for inspecting electrolyte levels that signals when watering is required

- **Posi-Wrap™ Envelope Separators**

Posi-Wrap Separators reduce maintenance and prevent failure due to short-circuiting and plate shredding, ensuring reliability and durability

- **Z3 Plate Construction**

Crown's Z3 design combines three integrated features for superior performance and durability.

- Our signature "Diamond Z" grid architecture
- An inset lug position
- Our revolutionary "LifePlus™" active paste material

- **Heavy-Duty Construction**

Crown deep cycle batteries are the heavyweight of the industry. More weight means more lead, which translates into a battery that will work and last longer.

- **X-TEND Container Design**

X-Tend provides more electrolyte above the battery plates so batteries can perform longer between watering intervals, lowering preventative maintenance costs and improving overall ROI on your Crown Battery purchase.

- **Rigid Connectors**

Heavy-duty TTP, COS and Post connectors deliver maximum electrical efficiency and durability.

Product Code	Voltage (V)	Electrical Capacity Ratings		Physical Specifications			Terminal Type
		Ampere Hour Capacity		Length (mm)	Width (mm)	Height (mm)	
		20hr Rate	5hr rate				
CR205	6	205	170	260	179	278	Standard
CR220	6	220	180	260	179	278	Std/Type S
CR260	6	260	215	260	179	295	Standard
CR275	6	275	228	298	183	286	Standard
CR350	6	350	290	183	310	359	Standard
CR430	6	430	340	314	183	410	Standard
CR165	8	165	146	262	181	283	Standard
CR24DC95	12	95	75	273	171	235	Standard
CR27DC115	12	115	90	334	171	238	Standard
CR31DC130	12	130	105	334	175	238	Standard
CRGC155	12	155	125	328	179	267	Std/Type S



6 AND 12 VOLT COMMERCIAL STARTING BATTERIES



Crown Batteries. The line that separates the heavy duty batteries from the heavy duty wannabes. No other line is engineered to Crown's tough, durable standards. No other battery performs or lasts like a crown.

There's a word that industries around the world use when they need a dependable, long-lasting, heavy duty battery: Crown. That's as tough as you can get.

GENERAL FEATURES

- Maintenance free flush top design**
 Innovative cover with recessed handles for easy installation
- Posi-Wrap™ Envelope Separators**
 Posi-Wrap Separators reduce maintenance and prevent failure due to short-circuiting and plate shredding, ensuring reliability and durability
- PowerHouse Plate Construction with LifePlus Paste Technology**
 Framed C/L plates with proprietary LifePlus paste for superior electrical performance and longer life than competitor batteries
- Rigid Connectors**
 Heavy-duty TTP, COS and Post connectors deliver maximum electrical efficiency and durability.
- Dual Purpose/ High Cycle**
 Proprietary "tight-pack" plate construction - with an extra glass mat layer - enables maximum performance and durability in commercial vehicle applications. Severe Duty Series batteries balance a combination of cranking power, cycling capability, vibration resistance, and system capacity, helping assure reliability in off-road, line-haul truck, coach, and emergency vehicle applications.

Product Code	Electrical Capacity			Physical Specifications		
	Voltage (V)	CCA	CA	Length (mm)	Width (mm)	Height (mm)
CR1640	6	640	810	231	176	222
CR31ASD775	12	775	970	329	171	240
CR31ASD1000	12	1000	1250	330	171	240
CR4D1000	12	1000	1250	524	219	254
CR8D1400	12	1400	1750	552	278	243



Reliability In Power



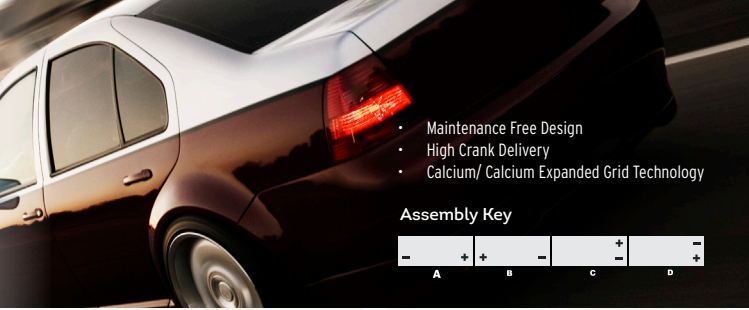
MAINTENANCE FREE AUTOMOTIVE BATTERIES

Product Code	Cross Reference	Electrical Capacity		Physical Specifications				Assembly
		CCA	C20 (AH)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	
NPNS40	38B19RS	332	36	197	128	224	9.3	B
NPNS40L	38B19LS	332	36	197	128	224	9.3	A
NPNS40S	38B19R	332	36	197	128	224	9.3	B
NPNS40LS	38B19L	332	36	197	128	224	9.3	A
NPNS60	46B24RS	450	45	237	128	222	12.8	B
NPNS60L	46B24LS	450	45	237	128	222	12.8	A
NPNS60S	46B24R	450	45	237	128	222	12.8	B
NPNS60LS	46B24L	450	45	237	128	222	12.8	A
NPNS0	85R610	550	55	229	172	203	15.1	B
NPNS0L	85L610	550	55	229	172	203	15.1	A
NP55D23L	75D23L	580	65	227	174	222	16.8	B
NP55D23R	75D23R	580	65	227	174	222	16.8	A



MAINTENANCE FREE EUROPEAN AUTOMOTIVE BATTERIES

Product Code	Cross Reference	Electrical Capacity		Physical Specifications				Assembly
		CCA	C20 (AH)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	
NPDIN44	DIN44	370	46	208	175	175	11.8	A
NPDIN55	DIN55	530	55	241	175	190	14.9	A
NPDIN63	DIN63	600	75	208	175	175	16.7	A
NPDIN66	DIN66	620	63	278	175	190	15.7	A
NPDIN66R	DIN66R	620	63	278	175	190	15.7	B
NPDIN77	DIN77	640	75	315	175	190	19.7	A
NPDIN88	DIN88	780	85	352	175	175	19.5	A
NPDIN100	DIN100	820	100	352	175	190	21.3	A
NPDIN135	DIN135	900	112	505	183	197	30.6	D
NPDIN165	DIN165	1000	124	511	222	195	34.2	D



- Maintenance Free Design
- High Crank Delivery
- Calcium/ Calcium Expanded Grid Technology

Assembly Key



MAINTENANCE FREE COMMERCIAL BATTERIES

Product Code	Cross Reference	Electrical Capacity		Physical Specifications				Assembly
		CCA	C20 (AH)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	
NPNS70	80D26R	630	70	262	170	225	16.9	B
NPNS70L	80D26L	630	70	262	170	225	16.9	A
NPN70	95D31R	750	85	305	171	225	21.5	B
NPN70L	95D31L	750	85	305	171	225	21.5	A
NP86AX	G31	800	90	332	174	236	22.2	B
NPN100	N100R	750	100	409	170	234	25.9	B
NPN120	N120R	900	135	505	183	235	30.6	C
NPN150	N150	1000	150	510	212	233	39.0	C
NPN200	N200L	1200	150	509	267	215	42.3	C
NPN200L	N200L	1200	150	509	267	215	42.3	D



Our solutions, your power

HANDY CHARGER RANGE



HANDY 40

GENERAL FEATURES

- 12 V Automatic charger for all types of lead-acid batteries (1-85Ah), car, bike (MC), marine and leisure
- Optimal charging curve.
- Selects the correct charge depending on battery capacity.
- Self-adjusting temperature compensator.
- Built-in flashlight, helpful when finding the battery in the dark.
- Anti-spark protection if wrongly connected or faulty battery.
- Specially designed clamps for easy and quick connection to the battery.
- Extra cable included for permanent installation.



HANDY 70

GENERAL FEATURES

- 12V Automatic charger for all types of lead-acid batteries (1-150Ah), car, bike (MC), marine and leisure, farming and forestry equipment.
- Advanced 5 step charging-profile.
- Adapts charging curve according to battery technology, GEL/ AGM/ STANDARD WET.
- Selects the correct charge depending on battery capacity.
- Self-adjusting temperature compensator.
- Power supply for maintenance charge (storage) and/ or loss of tension (13.7V/7A).
- Built-in flash light, helpful when finding the battery in the dark.
- Anti-spark protection if wrongly connected or faulty battery.
- Specially designed clamps for easy and quick connection to the battery.
- Extra cable included for permanent installation.

BATTERY TESTER RANGE

- Fast, accurate, affordable and user friendly
- Patented single load, dynamic resistance technology minimises battery drain during testing.
- Reading accuracy will not be compromised by conditions such as surface charge, parasitic drain & contact impedance.

BT001: Digital Automotive Battery Tester

- 6V & 12V
- 1.5V - 30V Voltmeter
- 2 lines 16 characters LCD
- Tests up to 2000 CCA



BT301: Digital Automotive Battery Tester with Printer

- Back-lit display 2 lines 16 characters LCD
- 6V & 12V
- 1.5V - 30V Voltmeter
- Built in thermal printer
- Tests up to 2000 CCA



www.yhipower.co.nz



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