

## CROWN BATTERY

The Power Behind Performance



Over 90 years ago, Crown Battery opened its doors as a sole-proprietary battery repair shop. Today, thanks to their loyal global customer network, dedicated workforce, commitment to manufacturing excellence and use of advanced technology, Crown Battery has become one of the major manufacturers of deep-cycle batteries. Customers have trusted Crown Battery innovation since 1926 to meet their power needs.

The line-up of deep-cycle batteries includes models designed for mobile elevating work platforms, industrial cleaning machines, golf & utility carts and other EV leisure applications, solar energy storage, traffic control and marine applications. Our batteries are proudly manufactured in the USA and distributed globally.

### Key product features:

- Exclusive C-Force Active Mass for increased charge acceptance, even in less than optimal charging conditions and discharge times.
- Rugged, solidcast plates that result in longer battery lifetime.
- Posi-Wrap plate separators and other proprietary Crown components reduced maintenance and prevent failure due to short circuit.
- PROeye level indicator to easily inspect electrolyte levels that signals when watering is required.

### WE PUT MORE IN OUR DEEP-CYCLE BATTERIES

So you can get better performances, higher productivity and less maintenance.

#### 1. Z3 PLATE CONSTRUCTION

The Z3 plate design combines four integrated features for superior performance and durability.

- The signature "Diamond Z" grid architecture
- An inset lug position
- Upgraded "Active Life Plus" paste material!
- Heavy-duty – construction: more lead = more power!

#### 2. POSI-WRAP ENVELOPE SEPARATORS

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

#### 3. IGID CONNECTORS

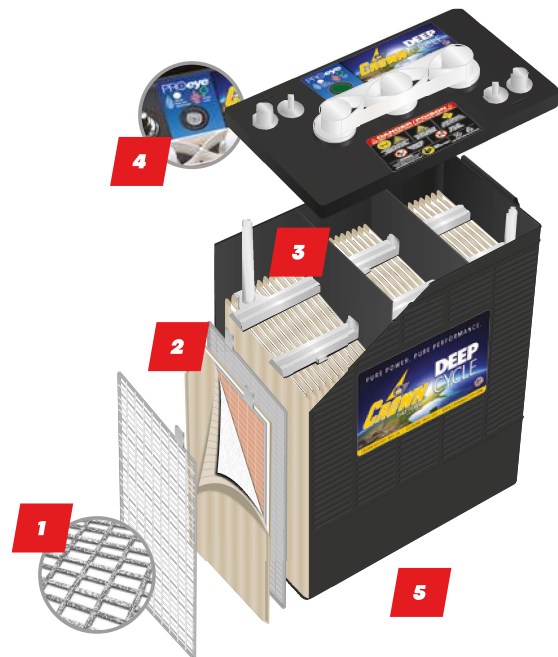
Heavy-duty TTP, COS and Post connectors deliver maximum electrical efficiency and durability.

#### 4. PROEYE LEVEL INDICATOR

A simple, safe and reliable system for inspecting electrolyte levels that signals when watering is required.

#### 5. X-TEND CONTAINER DESIGN

X-Tend provides more electrolyte above the battery plates so batteries can perform longer between watering intervals.



# BATTERIES

## CYCLIC BATTERIES

### US DEEP-CYCLE



CR165



CR185HD



CR195HD



CR220HD



CR240HD



Kit filler caps



CR250



CR305HD



CR330HD



CR350HD



CR390HD

\*This kit is suitable for providing exactly one battery with the necessary filler caps and floats

### CROWN/CROSS REFERENCES

Model	C20 Ah	C5 Ah	Length mm	Width mm	Height mm	Weight kg	Layout	Terminals	PRO Eye	REF Batteries	Kit filler caps*	Old REF Kit filler caps*
<b>Batteries 6 V deep-cycle</b>												
CR220HD	220	180	260	179	278	27.2	0	DT 1 + 8	No	<a href="#">168TA1047</a>	<a href="#">168TA1071</a>	BAT/47541
CR235HD	235	190	260	179	278	28.6	0	DT 1 + 8	No	<a href="#">168TA1048</a>	<a href="#">168TA1071</a>	BAT/47541
CR240HD	240	195	260	179	278	30.8	0	DT 1 + 8	No	<a href="#">168TA1049</a>	<a href="#">168TA1071</a>	BAT/47541
CR240E	240	195	245	191	273	29.0	0	1	No	<a href="#">168TA1050</a>	<a href="#">168TA1072</a>	BAT/47548
CR260HD	260	215	260	179	295	34.0	0	DT 1 + 8	No	<a href="#">168TA1051</a>	<a href="#">168TA1073</a>	BAT/47549
CR250	250	200	298	183	283	33.1	0	DT 1 + 8	No	<a href="#">168TA1052</a>	<a href="#">168TA1073</a>	BAT/47549
CR305HD	305	255	310	183	359	40.8	0	DT 1 + 8	Yes	<a href="#">168TA1053</a>	<a href="#">168TA1070</a>	BAT/47550
CR330HD	330	270	310	183	359	42.2	0	DT 1 + 8	Yes	<a href="#">168TA1054</a>	<a href="#">168TA1070</a>	BAT/47550
CR350HD	350	290	310	183	359	45.8	0	DT 1 + 8	Yes	<a href="#">168TA1055</a>	<a href="#">168TA1073</a>	BAT/47549
CR370HD	370	295	314	183	410	46.0	0	DT 1 + 8	Yes	<a href="#">168TA1056</a>	<a href="#">168TA1070</a>	BAT/47550
CR390HD	390	310	314	183	410	52.2	0	DT 1 + 8	Yes	<a href="#">168TA1057</a>	<a href="#">168TA1070</a>	BAT/47550
CR390HD-ZHV	390	310	292	183	410	52.2	0	DT 1 + 8	Yes	<a href="#">168TA1058</a>	<a href="#">168TA1070</a>	BAT/47550
CR430HD	430	340	314	183	410	55.3	0	DT 1 + 8	Yes	<a href="#">168TA1059</a>	<a href="#">168TA1073</a>	BAT/47549
<b>Batteries 8 V deep-cycle</b>												
CR165	165	140	262	179	275	29.0	1	S	No	<a href="#">168TA1060</a>	<a href="#">168TA1074</a>	BAT/47551
CR190	190	155	262	179	275	31.3	1	S	No	<a href="#">168TA1061</a>	<a href="#">168TA1074</a>	BAT/47551
<b>Batteries 12 V deep-cycle</b>												
24DC95	95	75	278	171	238	22.7	1	DT 1 + 8	No	<a href="#">168TA1062</a>	-	-
27DC115	115	95	321	171	238	23.6	1	DT 1 + 8	No	<a href="#">152TA4591</a>	-	-
31DC130	130	105	330	171	238	30.4	1	DT 1 + 8	No	<a href="#">152TA7108</a>	-	-
GCCR150	150	123	328	179	267	36.7	1	DT 1 + 8	No	<a href="#">168TA1063</a>	<a href="#">168TA1075</a>	BAT/47552
GCCR155	155	125	328	179	267	39.9	1	DT 1 + 8	No	<a href="#">168TA1064</a>	<a href="#">168TA1075</a>	BAT/47552
CR185HD	185	150	394	178	372	48.5	0	DT 1 + 8	Yes	<a href="#">168TA1065</a>	<a href="#">168TA1076</a>	BAT/47570
CR195HD	195	160	394	178	372	49.9	0	DT 1 + 8	Yes	<a href="#">168TA1066</a>	<a href="#">168TA1076</a>	BAT/47570
CR215HD	215	180	394	178	372	54.4	0	DT 1 + 8	Yes	<a href="#">168TA1067</a>	<a href="#">168TA1076</a>	BAT/47570
<b>Accessories</b>												
Quick release for 6 V batteries with 3 plugs										<a href="#">115TA6845</a>	-	BAT/21157
Quick release for 8V batteries with 4 plugs										<a href="#">168TA1077</a>	-	BAT/21158

\* ZHV = without handles

## SNAPCAP™ VENTS



REF [168TA1648](#)  
Old: BAT/48840



REF [168TA1649](#)  
Old: BAT/48839

### One-piece design

Now available on Crown 6 and 12 V deep-cycle batteries

### The new convenience

Crown battery will begin producing our range of high capacity 6 and 12 V deep-cycle batteries with the company's proprietary one-piece SnapCap vent component.

### The SnapCap vent component delivers a number of major benefits to battery owners and users:

A highly convenient one-piece locking vent component that makes battery inspection easier and more efficient.

The SnapCap utilizes a lock-in base that secures the vent to the cell opening by manual compression. Installation is fast and easy and does not require tightening of the vent after installation.

The SnapCap design includes a low-profile and multiple safety features that makes it one of the safest vents on the market.

### Flooded lead deep-cycle batteries with "SnapCap" vents

Vent component design change

### Effective in June 2016 for the following deep-cycle group sizes and battery models:

BCI Group 901: CR-250 and CR-275

BCI Group 903: CR-370, CR-390 and CR-430

BCI Group 902: CR-305, CR-330 and CR-350

BCI Group 921: CR-185, CR-195 and CR-215

## HANDLE



REF [115TA6846](#)  
Old: BAT/20016

## CONNECTIONS & CABLES



Battery connection Ø 25 mm

Length mm	REF	Old REF
75	<a href="#">168TA1650</a>	BAT/23477
95	<a href="#">168TA1651</a>	BAT/23479
190	<a href="#">168TA1652</a>	BAT/23481
280	<a href="#">168TA1653</a>	BAT/23483
300	<a href="#">168TA1654</a>	BAT/23485
350	<a href="#">168TA1655</a>	BAT/23487
400	<a href="#">168TA1656</a>	BAT/23489

\* Other dimensions are available on demand.



Terminal cable Ø 25 mm

Length mm	REF	Old REF
75	<a href="#">168TA1657</a>	BAT/23651
95	<a href="#">168TA1658</a>	BAT/23653
190	<a href="#">168TA1659</a>	BAT/23655
280	<a href="#">168TA1660</a>	BAT/23657
300	<a href="#">168TA1661</a>	BAT/23659

## QUICK RELEASE



REF [115TA6845](#) – Quick release for 6 V batteries with 3 plugs  
Old: BAT/21157  
REF [168TA1077](#) – Quick release for 8 V batteries with 4 plugs  
Old: BAT/21158



Diameter mm	Colour	REF	Old REF
32	Red	<a href="#">131TA7018</a>	BAT/38794
32	Black	<a href="#">131TA7019</a>	BAT/38796
30	Red	<a href="#">131TA7020</a>	BAT/38792
30	Black	<a href="#">131TA7021</a>	BAT/38285
26	Red	<a href="#">131TA7022</a>	BAT/38788
26	Black	<a href="#">131TA7023</a>	BAT/38790
24	Red	<a href="#">131TA7024</a>	BAT/38784
24	Black	<a href="#">131TA7025</a>	BAT/38786
20	Red	<a href="#">131TA7026</a>	BAT/38780
20	Black	<a href="#">131TA7027</a>	BAT/38782