SUSTAINABILITY
CLEAN RENEWABLE ENERGY FROM A COMPANY
COMMITTED TO CLEAN RENEWABLE ENERGY
SOLAR. WIND. ENERGY STORAGE. GUARANTEED.

This is where your solar and wind power investment pays off. In renewable energy storage systems that feature the reliability and longevity delivered by Crown Batteries.

- The most complete, dedicated array of RE batteries as compared with other manufacturers
- Battery capacity ratings that range from 120 to 3690 ampere-hours (100 Hour Rate)
- Recognition of Crown Renewable Power Batteries as “Best Available” and “Most Reliable” by serious RE system owners

- Z3 Plate Construction
  Crown’s Z3 design combines three integrated features for superior performance and longevity.
  - Our signature “Diamond Z” plate architecture.
  - An inset lug position.
  - LifePlus™ Active Material, manufactured with premium lead oxide from our own oxide mill to exact specifications, applied uniformly and temperature cured in computer-controlled Curing Ovens that assure optimum product performance and life.

- Heat-Sealed Case and Cover Design with Anchor-Molded Standard Terminal

- Posi-Wrap™ Plate Protection
  Posi-Wrap separators reduce maintenance, prevent failure due to plate short-circuit and mossing, and keeps active material bonded to the plate structure to ensure long battery life.

- PROeye™
  No mess, no guess indicator for inspecting electrolyte levels that signals when watering service is required.
**Low-Maintenance**

**Crown.**

- **Individual 2-Volt Steel Tray Design**
  The Power Module’s design couples a powerful range of available capacities with unmatched application flexibility, while the battery’s steel tray increases compression of the battery’s internal plate group to increase cycle life while providing a better solution for temperature management and electrical isolation.

- **Cell Cover**
  - Heat-sealed to ensure a permanent, leak-free seal between the cell container and cover.
  - The cover’s double D-ring bushing design allows for positive plate growth without cover leakage and eliminates cell cover distortion.

- **Element Protector**
  Full-width element protector with individual fingers between each plate lug prevents premature failure due to mossing short-circuit and prevents separator damage during cell inspection.

- **Posi-Wrap™ Plate Protection**
  A Vertical Double Mat Slyver Wrap becomes embedded into the plate surface to ensure complete active material retention for longevity.
  B Horizontal Glass Mat Wrap provides a secondary layer of active material retention.
  C The Koroseal Retainer Wrap is a perforated envelope tightly binds the two glass mat wraps to the plate while providing a third layer of insulation against mossing and short-circuits.
  D The Sleeve Separator is a high-porosity sleeved separator that delivers a final layer of insulation from direct plate-to-plate contact and mossing.

- **Z3 Plate Construction**
  Power Module batteries Z3 plate design combines three integrated features for superior electrical performance and longevity.
  - 13 vertical plate wires that withstand the rigors of deep cycling service and high-rate discharge.
  - Offset internal wires are designed for less internal resistance and maximum active material retention to deliver premium battery life.
  - LifePlus™ Active Material, manufactured with premium lead oxide from our own oxide mill to exact specifications, applied uniformly and temperature cured in computer-controlled Curing Ovens that assure optimum product performance and life.

- **Safe & Easy Handling**
  CRP Power Module and Monobloc batteries include fixed handles or lifting lugs to enable safe and easy handling as well as the flexibility to be installed with – or without – battery racks.

- **Common Design Features**
  - **Rugged Cell Construction**
    Signature heavy-duty cast-on strap and terminal post structures manufactured in a highly automated production process deliver unmatched electrical efficiency and durability.
  - **Low Maintenance Reliability**
    Crown Renewable Products’ low maintenance design ensures reduced Preventative Maintenance frequency, lower PM service costs, and best-available user ROI:
    - Proprietary cell construction that reduces water loss during the charge cycle.
    - Additional fluid headspace above the battery plates so batteries can perform longer between watering intervals.
    - Water-Saver™ battery cover and high-performance vent components capture gasses emitted during the charge cycle – and return restored fluid to the battery.
  - **Element Protector**
    Full-width element protector with individual fingers between each plate lug prevents premature failure due to mossing short-circuit and prevents separator damage during cell inspection.

**Diagram**

- A Vertical Double Mat Slyver Wrap
- B Horizontal Glass Mat Wrap
- C The Koroseal Retainer Wrap
- D The Sleeve Separator

**Images**

- 6CRP400
- 6CRP525
- 2CRP710
- 2CRP2030
- 2CRP3690
### CRP Monobloc Series

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Voltage</th>
<th>A 100 HR</th>
<th>B 200 HR</th>
<th>C 100 HR</th>
<th>D 20 HR</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>GC2</td>
<td>6CRP290</td>
<td>6</td>
<td>290</td>
<td>225</td>
<td>1.6878</td>
<td>1.3095</td>
<td>10.25</td>
<td>7.13</td>
<td>9.75</td>
<td>10.75</td>
<td>260</td>
<td>181</td>
</tr>
<tr>
<td>GC2H</td>
<td>6CRP295</td>
<td>6</td>
<td>295</td>
<td>245</td>
<td>1.7169</td>
<td>1.4259</td>
<td>10.25</td>
<td>7.13</td>
<td>10.50</td>
<td>11.50</td>
<td>260</td>
<td>181</td>
</tr>
<tr>
<td>902</td>
<td>6CRP340</td>
<td>6</td>
<td>400</td>
<td>325</td>
<td>2.3280</td>
<td>1.8915</td>
<td>12.19</td>
<td>7.19</td>
<td>13.13</td>
<td>14.13</td>
<td>310</td>
<td>183</td>
</tr>
<tr>
<td>903</td>
<td>6CRP435</td>
<td>6</td>
<td>435</td>
<td>370</td>
<td>2.5317</td>
<td>2.1534</td>
<td>12.38</td>
<td>7.19</td>
<td>15.13</td>
<td>16.13</td>
<td>314</td>
<td>183</td>
</tr>
</tbody>
</table>

### CRP Power Module Series

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Voltage</th>
<th>A 100 HR</th>
<th>B 200 HR</th>
<th>C 100 HR</th>
<th>D 20 HR</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CRP710</td>
<td>2</td>
<td>710</td>
<td>500</td>
<td>1.3774</td>
<td>0.9700</td>
<td>6.06</td>
<td>6.56</td>
<td>16.50</td>
<td>20.75</td>
<td>154</td>
<td>167</td>
<td>419</td>
</tr>
<tr>
<td>2CRP810</td>
<td>2</td>
<td>810</td>
<td>550</td>
<td>1.5714</td>
<td>1.0670</td>
<td>6.81</td>
<td>6.56</td>
<td>16.50</td>
<td>20.75</td>
<td>173</td>
<td>167</td>
<td>419</td>
</tr>
<tr>
<td>2CRP910</td>
<td>2</td>
<td>910</td>
<td>625</td>
<td>1.7654</td>
<td>1.2125</td>
<td>7.56</td>
<td>6.56</td>
<td>16.50</td>
<td>20.75</td>
<td>192</td>
<td>167</td>
<td>419</td>
</tr>
<tr>
<td>2CRP1000</td>
<td>2</td>
<td>1000</td>
<td>700</td>
<td>1.9400</td>
<td>1.3580</td>
<td>8.31</td>
<td>6.56</td>
<td>16.50</td>
<td>20.75</td>
<td>211</td>
<td>167</td>
<td>419</td>
</tr>
<tr>
<td>2CRP1100</td>
<td>2</td>
<td>1100</td>
<td>750</td>
<td>2.1340</td>
<td>1.4550</td>
<td>6.06</td>
<td>6.56</td>
<td>21.50</td>
<td>25.75</td>
<td>154</td>
<td>167</td>
<td>546</td>
</tr>
<tr>
<td>2CRP1400</td>
<td>2</td>
<td>1400</td>
<td>1000</td>
<td>2.7160</td>
<td>1.9400</td>
<td>7.56</td>
<td>6.56</td>
<td>21.50</td>
<td>25.75</td>
<td>192</td>
<td>167</td>
<td>546</td>
</tr>
<tr>
<td>2CRP1880</td>
<td>2</td>
<td>1880</td>
<td>1300</td>
<td>3.6472</td>
<td>2.5220</td>
<td>9.81</td>
<td>6.56</td>
<td>21.50</td>
<td>25.75</td>
<td>249</td>
<td>167</td>
<td>546</td>
</tr>
<tr>
<td>2CRP2030</td>
<td>2</td>
<td>2030</td>
<td>1400</td>
<td>3.9382</td>
<td>2.7160</td>
<td>10.56</td>
<td>6.56</td>
<td>21.50</td>
<td>25.75</td>
<td>268</td>
<td>167</td>
<td>546</td>
</tr>
<tr>
<td>2CRP2350</td>
<td>2</td>
<td>2350</td>
<td>1600</td>
<td>4.5590</td>
<td>3.1040</td>
<td>12.06</td>
<td>6.56</td>
<td>21.50</td>
<td>25.75</td>
<td>306</td>
<td>167</td>
<td>546</td>
</tr>
<tr>
<td>2CRP2500</td>
<td>2</td>
<td>2500</td>
<td>1700</td>
<td>4.8500</td>
<td>3.2980</td>
<td>12.81</td>
<td>6.56</td>
<td>21.50</td>
<td>25.75</td>
<td>325</td>
<td>167</td>
<td>546</td>
</tr>
<tr>
<td>2CRP3000</td>
<td>2</td>
<td>3000</td>
<td>2050</td>
<td>5.8200</td>
<td>3.9770</td>
<td>10.56</td>
<td>6.56</td>
<td>29.00</td>
<td>33.39</td>
<td>268</td>
<td>167</td>
<td>737</td>
</tr>
<tr>
<td>2CRP3460</td>
<td>2</td>
<td>3460</td>
<td>2350</td>
<td>6.7124</td>
<td>4.5590</td>
<td>12.06</td>
<td>6.56</td>
<td>29.00</td>
<td>33.39</td>
<td>306</td>
<td>167</td>
<td>737</td>
</tr>
<tr>
<td>2CRP3690</td>
<td>2</td>
<td>3690</td>
<td>2550</td>
<td>7.1586</td>
<td>4.9470</td>
<td>12.81</td>
<td>6.56</td>
<td>29.00</td>
<td>33.39</td>
<td>325</td>
<td>167</td>
<td>737</td>
</tr>
</tbody>
</table>

### Available Terminals

- **Standard Terminals**
- **Threaded Stud Insert**

### Product Footnotes

- A Standard Terminals
- B Stainless Steel Threaded Stud Terminals
- C Inserted Brass Terminals
- D Battery fitted with Handle or Lifting Lug

Crown Renewable Batteries are the Heavy Weight. And That’s Important

Because “heavy” means energy dense plates that use more active lead material. 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.

No other renewable energy battery in the world can compete with the assured performance of Crown. No other manufacturer takes this Response Ability as seriously. Compared to Crown Renewable Batteries, there’s really no comparison.

**WHAT’S COMING UP NEXT DEPENDS ON WHAT THE WORLD NEEDS TOMORROW**