

RENEWABLE POWER



SOLAR. WIND. POWER. 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 Renewable Power Batteries.

- The most complete, dedicated array of RE batteries in comparison 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



PROeye™

No mess, no guess indicator for inspecting electrolyte levels that signals when watering service is required.



Heat-Sealed Case and Cover Design

Posi-Wrap™ Plate Protection

Posi-Wrap separators reduce maintenance, prevent failure due to plate short-circuit and mousing, and keep active material bonded to the plate structure to ensure long battery life.

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 computercontrolled Curing Ovens that assure optimum product performance and life.



12CRP95



12CRP115



12CRP130



6CRP235-HD



Individual 2-Volt Steel Tray Design

Combines a powerful range of ampere-hour capacities that afford RE system users with unmatched application flexibility while providing a better solution for temperature management and electrical isolation.

Cell Cover

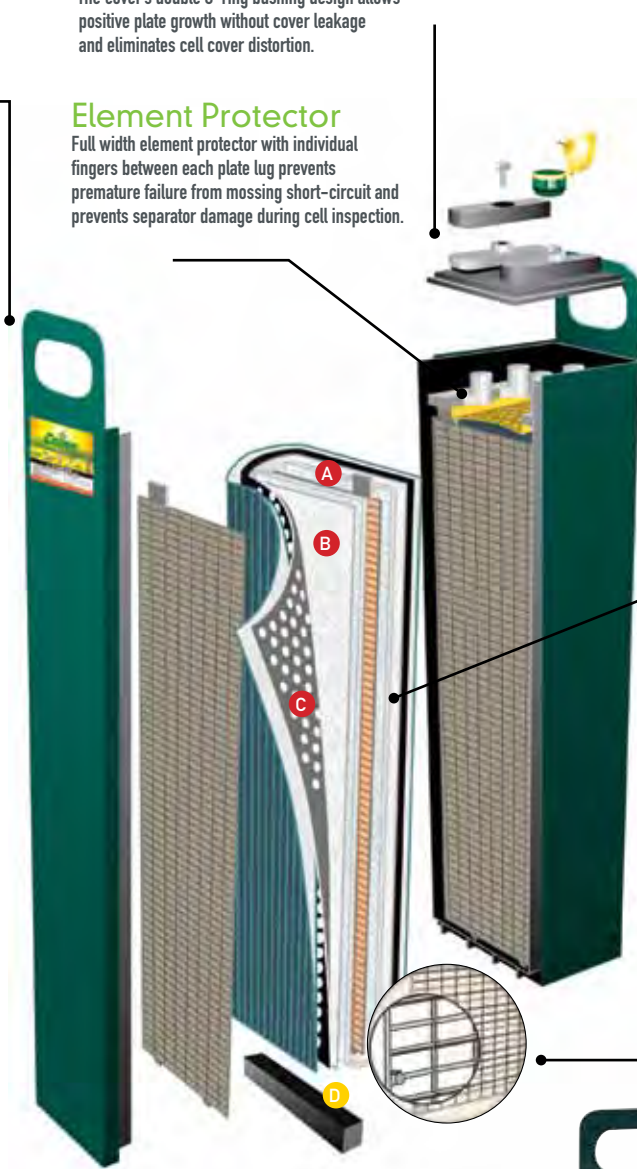
- Heat-sealed to ensure a permanent, leak-free seal between the cell container and cover.
- The cover's double O-ring bushing design allows positive plate growth without cover leakage and eliminates cell cover distortion.

Element Protector

Full width element protector with individual fingers between each plate lug prevents premature failure from missing 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 for active material retention while protecting the plate's bottom vertical frame from short-circuits.
- B** Horizontal Glass Mat Wrap provides a secondary layer of active material retention while protecting the plate's horizontal frame from short-circuits.
- C** The Koroseal Retainer Wrap is a perforated envelope which tightly binds the two glass mat wraps to the plate while providing a third layer of insulation against missing 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 missing.



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.

FEATURES COMMON TO ALL CROWN BATTERIES

• Rugged Cell Construction

Signature Heavy-Duty Cast-on-Strap and Terminal Post manufactured in a fully-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 vent components capture gasses emitted during the charge cycle - and return restored fluid restored to the battery.

• 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 install with - or without - battery racks.



6CRP260-HD



6CRP350-HD



6CRP430-HD



2CRP500



2CRP1400



2CRP2550