



SUSTAIN ABILITY


CROWN
RENEWABLE POWER
BATTERIES



*Clean renewable energy
from a company
committed to clean
renewable energy.*

The technical ability to sustain energy requires commitment...which manifests itself in

RESPONSE **ABILITY**



MARKET RESPONSE **ABILITY**

For many years now the world has known that its dependence on biofuels was limited. Hi-tech photovoltaic and wind power specialists developed answers to this problem which created an immediate need for energy storage batteries. Crown Battery responded to this need with an innovative array of renewable energy batteries that deliver responsible power storage solutions to RE system owners.

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. Unlike some manufacturers who simply repackage existing battery products into a new array and call it an RE line, Crown Battery evaluated marketplace needs and developed an innovative array of storage battery products that provide best-available power storage solutions for solar and wind power systems.

- ▶ 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 Batteries as "Best Available" and "Most Reliable" by serious system owners

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.

No other renewable 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 is really no comparison.

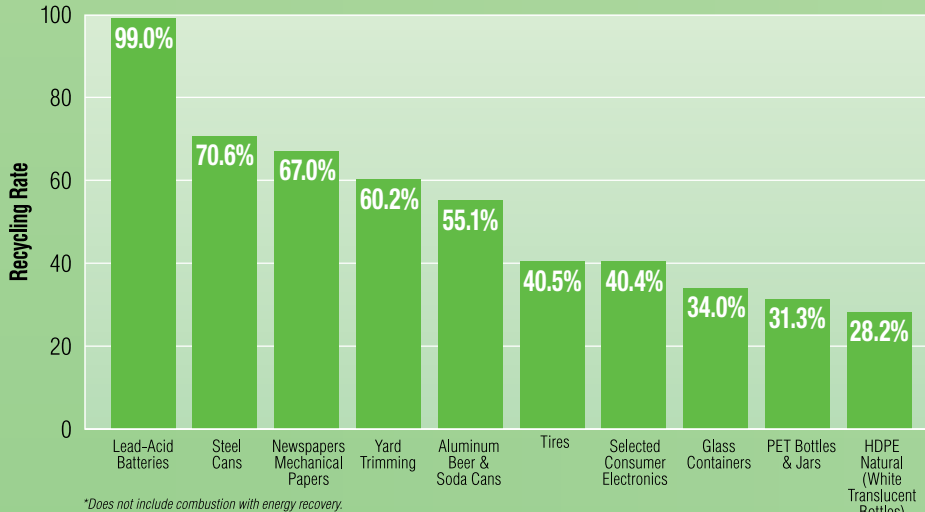
SUSTAINABILITY

BY THE NUMBERS



RECYCLING RATES OF SELECTED PRODUCTS*

2013



Experts estimate

over 80%

of alternative battery technologies (Lithium Primary, Lithium Ion) are landfilled due to toxic content and volatility



CROWN'S COMMITMENT TO RECYCLING & SUSTAINABILITY

We're not content at keeping the pace, but setting it.

Lead Batteries are recycled at a rate of



99%

of shipments in North America annually



For more than
150 years LEAD BATTERIES

have demonstrated the safest and most reliable track record of any power storage solution



99% of lead battery materials are

recycled and reused in new battery production



12CRP130



12CRP165



12CRP190



6CRP290



6CRP400

MANUFACTURING RESPONSE **ABILITY**

We have applied renewable energy concepts and best practices at our factory to eliminate waste in every area of our manufacturing processes. The result is a product that is truly unique, truly superior in design and performance.



Plate Curing Oven

What Makes Crown Batteries Unique:

- ▶ Thick, energy dense plates combined with heavy-duty cast-on strap and inner-cell connections constructed in a fully-automated process
- ▶ Crown products utilize more active lead material per ampere-hour of rated capacity than competitive RE products
- ▶ Manufactured to exact standards to deliver the longest running times and battery life – with proven low maintenance performance

The Power Behind Performance



Terminal Post Bonder



Robotic Assembly



Automated Plate Wrapper

Although there are well over a dozen steps to building Crown Renewable Batteries, Crown Battery employs several unique processes that other battery manufacturers cannot match.

These processes are what make Crown Batteries unique. While other battery manufacturers rely on labor-intensive manufacturing traditions of the past, we have made major investments into the most advanced manufacturing technologies available. Many of these processes are

proprietary in nature. And these systems deliver the finest quality control and automated manufacturing capabilities in the industry. And the people that make it all work... are as good as they come.

That is why, when you see the Crown Battery name, you're looking at the number one battery in the renewable energy field. Who's in second place? Our guess is...everybody else.

What's coming up next depends on what the world needs tomorrow.



6CRP525



2CRP710



2CRP2030



2CRP3690



Our Company's

RESPONSE ABILITY

"Achieving sustainable energy and reducing your carbon footprint are both pro-active. They are carefully conceived declarations of 'who we are' and 'what we believe.' They are concepts designed to become one with our environment. We are all responsible. To you. To our world."

Hal Hawk, President,
Crown Battery Mfg. Co.



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Through its corporate and branch distribution facilities, Crown Battery serves a diverse customer community located throughout the world. We welcome your inquiry through our regional sales and distribution locations and invite you to contact us about your specific battery, charger, or system handling needs.

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