

# Battery Features

## Maintenance-Free Technology

- Non-gassing and non-spillable. Discover EV Traction Dry Cell batteries have a recognized gas recombination efficiency of greater than 99.9% and are sealed and non-spillable. Battery construction allows for safe operation in any position and is approved for use in environmentally sensitive areas. This safeguards against spill related injuries, damage and corrosion damage.

## Engineered to Last

- Discover batteries are designed for longer run times and a longer life. Batteries are designed for high-rate duration discharges and have good charge retention.

## Dependable Construction

- EV Traction Dry Cell batteries are designed with the thickest plates, the highest oxide densities and are vibration resistant. With the highest active material to acid ratio, Discover products provide longer battery life than standard deep cycle technology. The traction heavy duty grid design (PbCaSn) gives consistent active material adhesion and corrosion resistance and protects against premature deep discharge damage.

## Durable and Efficient

- The high impact reinforced cases are shock and vibration resistant. EV Traction Dry Cell batteries are operational in a wide range of environmental conditions and are designed for tough applications and repeated deep discharging.
- Our batteries are designed with double insulating micro porous glass fiber separators for consistent performance and conductivity and have tightly packed and compressed plates to prevent plate separation and guard against vibration damage.

## Wide Selection

- Discover has the widest selection of sustainable deep cycle and traction footprints available and exact dry cell replacements for standard hazardous batteries. There are multiple terminal and configuration options and carrying handles available to meet market and application demands and requirements.

## Sustainable Solution

- Discover products are recyclable and made with recycled products. Our processes are designed to conserve resources, improve safety and reduce waste. Exempt from HAZMAT shipping requirements, and compliant with LEED (USGBC) and OSHA Occupational Health & Safety Regulations, Discover batteries deliver maximum maintenance-free life without service resources.