

PowerSafe ELM Batteries

PowerSafe Extreme Low Maintenance (ELM) railroad signal batteries provide the power needed for reliable signal control at highway crossings and other critical railway signal locations.

The technology behind PowerSafe ELM batteries is backed by more than 50 years of development and employs a carefully engineered combination of plate surface area, plate thickness and electrolyte volume for optimum discharge performance.

Positive active materials are locked inside the EnerSys exclusive square tubular design to provide outstanding cycling capability, long life and high energy density. The unique design offers greater surface area for holding active material and exposing it to electrolyte. The negative plates feature extremely low self-discharge rates and promote low float current.

These design features along with an electrolyte reserve provides proven longevity that can exceed conventional maintenance-free Valve Regulated Lead Acid (VRLA) batteries when used in similar railway signal applications.

Specifications

- Capacity 80-710 Ah
- Outstanding cycling ability
- Reduced maintenance with long watering intervals
- Lifting handles for ease of use
- Rugged high-impact polypropylene construction
- 20 life expectancy in float service at 77°F