



PowerSafe[®] UB

Diesel Starting Batteries

Battery Range Summary

The PowerSafe[®] UB diesel starting battery features individual flooded cells encased in a durable high-impact container. The cells utilize antimony alloy grids, high porosity microporous separators and solid lead posts which help deliver great cranking ability for heavy duty diesel starting applications.

The inherent characteristics of the battery result in extended watering intervals yielding overall lower maintenance costs over the life of the battery.

A two year full warranty and six years pro-rated along with a nationwide service network, mean the PowerSafe UB battery is easy on your overall bottom line.



Features and Benefits

- Capacity range 500 - 650 Ah
- Lead-antimony alloy
- Proven flooded cell design
- Great cranking ability and a high reserve capacity for auxiliary equipment
- Six month watering interval typical in service at 77°F (25°C) ambient temperature
- Eight year life expectancy in service at 77°F (25°C) ambient temperature

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Construction

- 0.29" thick positive plate
- Negative plate designed to maximize performance
- Heavy duty, high density polyethylene container
- Electrolyte - dilute Sulfuric acid with a specific gravity of 1.250
- Low resistance post and connectors
- Heavy duty lead intercell connectors

Installation & Operation

- Long watering intervals
- Designed specifically for railroads
- High reserve capacity for auxiliary maintenance
- Two year full warranty and six years pro rata for a total warranty period of eight years
- Operating temperature: -4°F (-20°C) to 122°F (50°C)
Recommended temperature: 68°F (20°C) to 86°F (30°C)

Standards

- The management systems governing the manufacture of this product is ISO 9001:2008 certified

General Specifications

Cell Type	Nominal Ah Capacity*	5 Second at 77°F Current (A)	Nominal Dimensions						Weight - Volumes					
			Length		Width		Height		Unpacked		Electrolyte only 1.250 S.G.			
			in	mm	in	mm	in	mm	lbs	kg	lbs	kg	gal	liters
UB 510	500	2425	34.5	876	27.0	686	20.7	526	1350	614	18.1	8.2	1.7	6.6
UB 650	650	3200	42.9	1090	27.0	686	20.7	526	1650	750	23.8	10.8	2.3	8.7

*Nominal Ah Capacity is based on an 8 hour rate to 1.70 volts per cell @77°F (25°C)

