



3.4Ah (12V) AGM Battery | EPS1234-Pro

EPS™ General Series VRLA Battery

The EPS™ series from GSS, offers 5 years full maintenance free design life. With optimum design and good reliability.

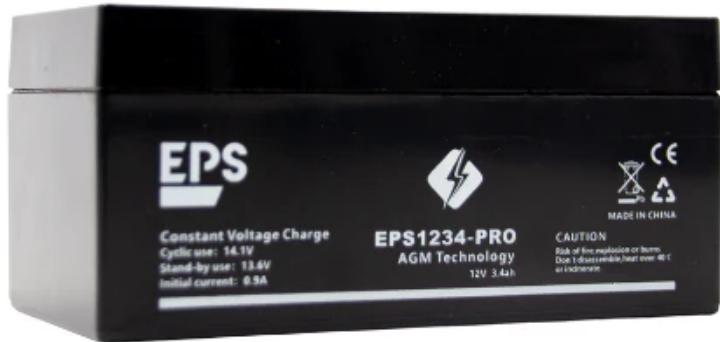
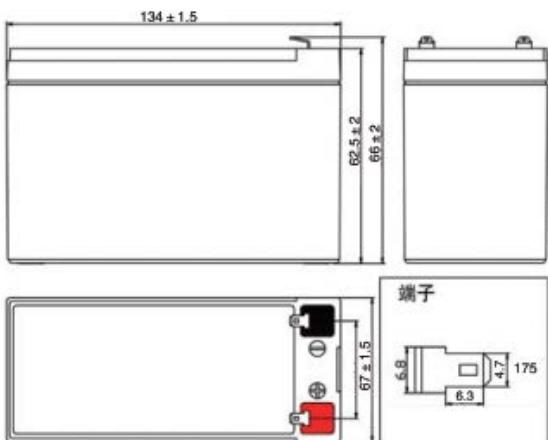
Maintenance & Cautions

- Ensure all batteries operating in a series based connection are not charged excessively;
- Ensure all batteries operating in a series based connection are not discharged excessively;
- Batteries must be charged with the correct voltage;
- Recharge capacity will be 1.1 - 1.15 times the discharge capacity;
- Effect of temperature on cycle charge voltage: -5mV/degrees per cell;
- It is imperative the battery is always in an upright position and never on its side.

Factors Affecting Battery Life

- Depth of discharge
- Temperature
- Recharge rate
- *Refer to Technical Specifications**

Battery Dimensions





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Technical Specifications

Physical Attributes	
Dimension (mm)	L134mm x W67mm x H62mm
Approximate Weight	1 kg (2.20 lbs)
Voltage & Designations	
Nominal Voltage (V)	12 (6 Cells per unit)
Designed Floating Life (20°C)	5 Years
Nominal Capacity (20°C)	3.4 Ah @ 20HR-rate (to 1.75Vpc)
Terminal Type	Fasten Tab F1
Internal Resistance	Approximately 0.042mΩ (fully charged @ 20°C)
Max. Charge Current	1.02A
Max. Discharge Current (5S)	45A
Short Circuit Current	260A
Self Discharge	Approximately 3% per month @ 20°C
Ambient Temperature	Discharge: -15-50°C Charge: -20-50°C Storage: -20-50°C
Float Charge Voltage (20 - 25°C)	13.6-13.8V (-3mV/ cell/ °C)
Equalize & Cycle Use Charge Voltage (20-25°C)	14.4-14.8V (-5mV/ cell/ °C)
Container Material	ABS (UL94-V0 optional)

