



*Sealed Lead-Acid
Rechargeable Battery*

12V 3Ah



Manufactured By
EEMB Company Limited

Sealed Lead-Acid Rechargeable Battery

Features:

- Multi cell design for economy of installation and maintenance.
- Individual valve for each cell.
- High quality optional Flame retardant ABS for case and cover.
- Absorbent Glass Matt (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance.
- Not restricted for air transport.
- Not restricted for surface transport.
- Long life.
- Float/Cycle use.
- Low self-discharge rate.
- Use in any position

Specification:

Nominal Capacity (V)	12Volts (6 cells in series)
Nominal Capacity(Ah)	
20 hours rate F.V. (1.75V/cell) (60mA to 5.25V)	3Ah
10 hours rate F.V. (1.75V/cell) (110mA to 5.25V)	2.76Ah
5 hours rate F.V. (1.75V/cell) (200mA to 5.10V)	2.48Ah
1 hour rate F.V. (1.75V/cell) (700mA to 4.80V)	2.00Ah
Approximate Weight	1290g. (2.84lbs.)
Terminal	
Standard	Type ST1, Position D
Internal Resistance (Fully Charged Battery)	<.50m
Maximum Charge Current (A)	50A
Maximum Charge Current (A)	.50A
Ambient Temperature	
Charge	.0°C(32°F) ~ 40°C(104°F)
Discharge	20°C(-4°F) ~ 50°C(122°F)
Storage	-20°C(-4°F) ~ 50°C(122°F)
Vibration Test (2000 cycles/minute, 0.10 inch excursion, 2 hours)	No loss in capacity or performance
Shelf Life-% of nominal capacity at 20°C 2°C(68°F)	
3 Months	93%
6 Months	83%
Case	ABS

Dimension mm (inch)

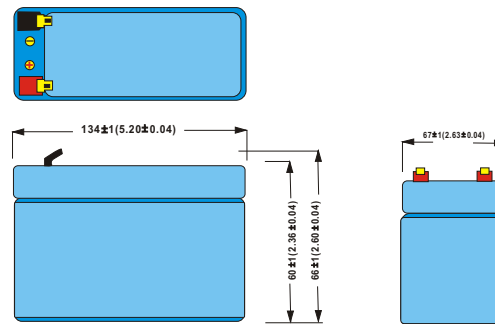
Length ± 1 mm	134(5.20")
Width ± 1 mm	67(2.63")
Container Height ± 1 mm	60(2.36")
Total Height ± 2 mm	66(2.60")

Application

- Electronic Toy-Cars
- Emergency Lights
- Electronic Torch
- UPS
- Fan

OUTER DIMENSIONS

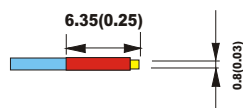
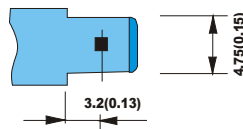
mm(inch)



TERMINAL TYPE
Mm(inch)

TERMINAL POSITION

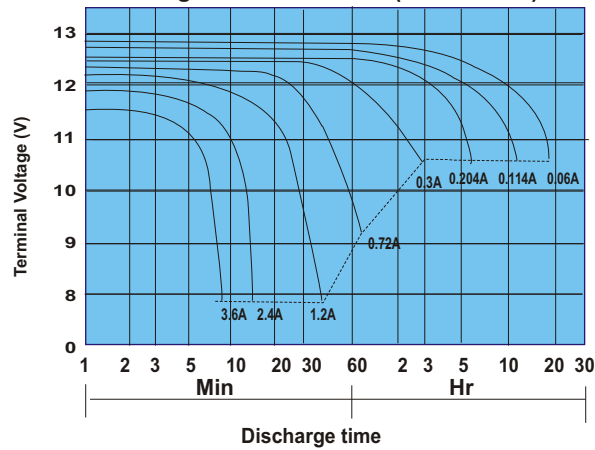
●ST1



Charging Voltage 20°C(68°F)

Charge Method	Voltage Setting	Time	Highest Charging Current	Remarks
Floating	13.65±0.15	16 Hours	Unlimited	When used frequently under 0°C or above 40°C, the voltage must be adjusted by -18mV/°C (using 20°C as reference)
Cycling	14.4~15	16 Hours	0.9A	When used frequently under 5°C or above 35°C. The voltage must be adjusted by -24V/°C (using 20°C as reference)

Discharge characteristics (25°C<77°F>)



Discharge Characteristics(0 C/32 F,40 C/104 F)

