



*Sealed Lead-Acid
Rechargeable Battery*

12V 18Ah



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)	... 18Ah
10 hours rate F.V. (1.75V/cell) (110mA to 5.25V)	16.56Ah
5 hours rate F.V. (1.75V/cell) (200mA to 5.10V)	1 5.3Ah
1 hour rate F.V. (1.75V/cell) (700mA to 4.80V)	.10.8Ah
Approximate Weight	..6150g. (13.53lbs.)
Terminal	
Standard	...Type ST3, Position F
Optional	. Type ST2,Position C
Internal Resistance (Fully Charged Battery)	.<14m
Maximum Charge Current (A)	250A
Maximum Charge Current (A)	5.4A
Ambient Temperat	
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)

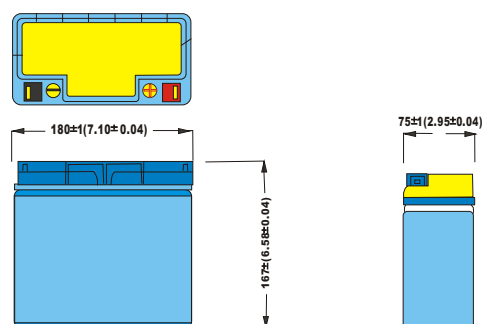
Length	± 1mm	.. 180(7.10")
Width	±1mm	.. 75(2.95")
Container Height	±1mm	.. 167(6.58")
Total Height	±2mm	.. 167(6.58")

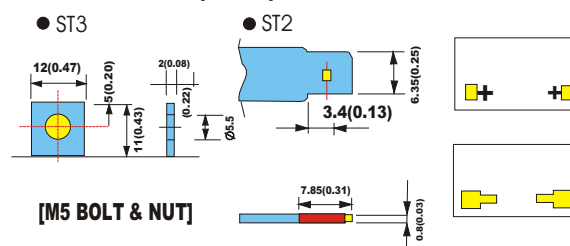
Application:

- UPS
- Fish Detectors
- Guide Lights
- Video Tape Recorders (VTR)

OUTER DIMENSIONS

mm(inch)


TERMINAL TYPE
mm(inch)

TERMINAL POSITION

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	5.1A	When used frequently under 5°C or above 35°C, the voltage must be adjusted by -24V/°C (using 20°C as reference)

