



*Sealed Lead-Acid
Rechargeable Battery*

12V 12Ah



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)		12Ah
10 hours rate F.V. (1.75V/cell) (110mA to 5.25V)		10.75Ah
5 hours rate F.V. (1.75V/cell) (200mA to 5.10V)		9.75Ah
1 hour rate F.V. (1.75V/cell) (700mA to 4.80V)		.8Ah
Approximate Weight	4030g. (5.50lbs.)	
Terminal		
Standard	Type ST1, Position D	
Optional	Type ST2	
Internal Resistance (Fully Charged Battery)		<20m
Maximum Charge Current (A)	18A	
Maximum Charge Current (A)	6A	
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)

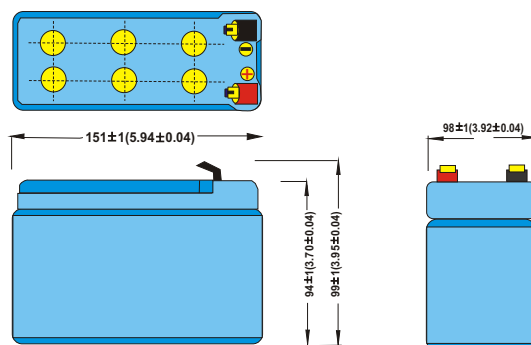
Length	$\pm 1\text{mm}$	151(5.95")
Width	$\pm 1\text{mm}$	98(3.92")
Container Height	$\pm 1\text{mm}$	94(3.70")
Total Height	$\pm 2\text{mm}$	99(3.96")

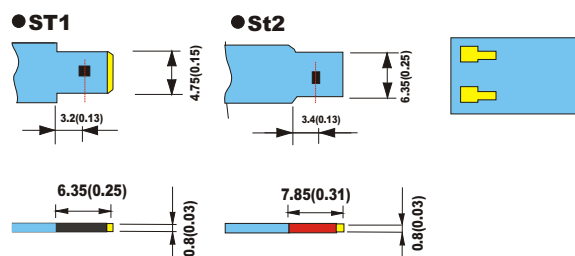
Application:

- **Mower**
- **Medical Electronic Equipment**
- **UPS**
- **Golf-Cars**

OUTER DIMENSIONS

mm

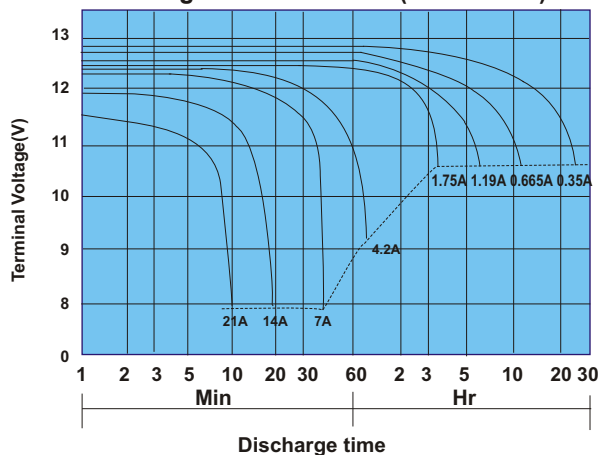

TERMINAL TYPE
mm(inch)

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	2.1A	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)

