



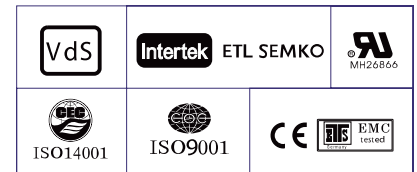
- All purpose
- Uninterruptable Power Supply(UPS)
- Electric Power System(EPS)
- Emergency backup power supply
- Emergency light
- Railway signal
- Aircraft signal
- Alarm and security system
- Electronic apparatus and equipment
- Communication power supply
- DC power supply
- Auto control system

B12V25AR

Batteria al piombo ricaricabile 12V 25Ah

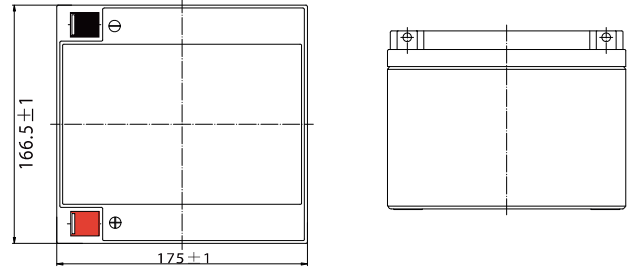
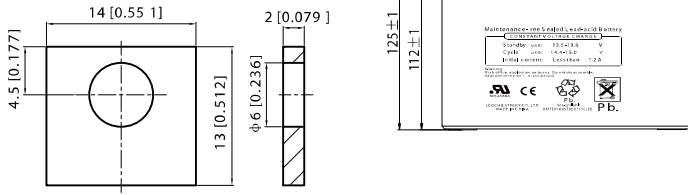
Caratteristiche Tecniche

Nominal Voltage	12V	
Nominal Capacity(20HR)	24.0AH	
Dimension	Length	166.5±1mm (6.56 inches)
	Width	175±1mm (6.89 inches)
	Container Height	125±1mm (4.92 inches)
	Total Height (with Terminal)	125±1mm (4.92 inches)
	Approx Weight	Approx 7.8 kg (15.88lbs)
Terminal	T3 / T12	
Container Material	ABS	
Rated Capacity	24.0 AH/1.20A	(20hr, 1.80V/cell, 25 °C/77 °F)
	22.3 AH/2.23A	(10hr, 1.80V/cell, 25 °C/77 °F)
	20.4 AH/4.08A	(5hr, 1.75V/cell, 25 °C/77 °F)
	18.4 AH/6.12A	(3hr, 1.75V/cell, 25 °C/77 °F)
	15.1 AH/15.1A	(1hr, 1.60V/cell, 25 °C/77 °F)
Max. Discharge Current	360A (5s)	
Internal Resistance	Approx 14m Ω	
Operating Temperature Range	Discharge : -15 ~ 50°C (5 ~ 122°F)	
	Charge : 0 ~ 40°C (32 ~ 104°F)	
	Storage : -15 ~ 40°C (5 ~ 104°F)	
Nominal Operating Temperature Range	25 ± 3°C (77 ± 5°F)	
Cycle Use	Initial Charging Current less than 7.2A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C	
	No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C	
Standby Use	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Capacity affected by Temperature	Leoch LP series batteries may be stored for up to 6 months at 25°C (77°F) and then a refreshing charge is required. For higher temperatures the time interval will be shorter.	
Self Discharge		

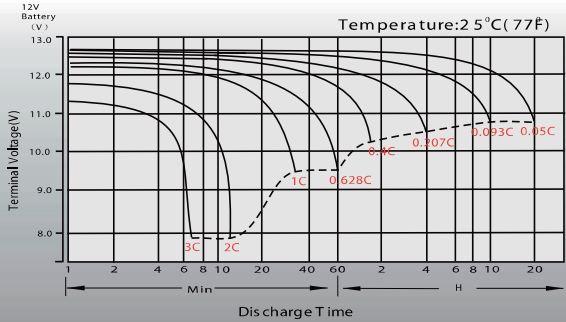


Dimensions

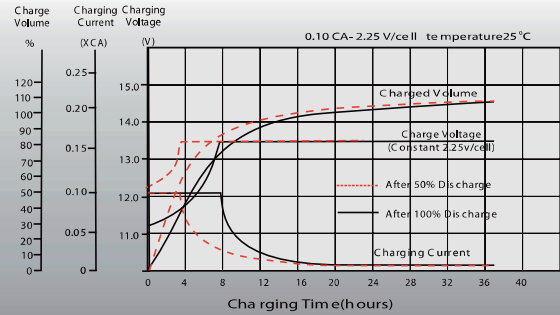
T3 Terminal Unit: mm [inches]



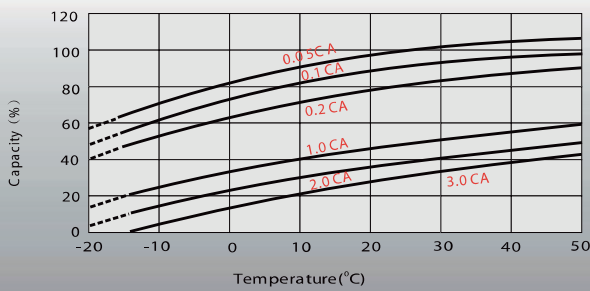
Discharge Characteristics



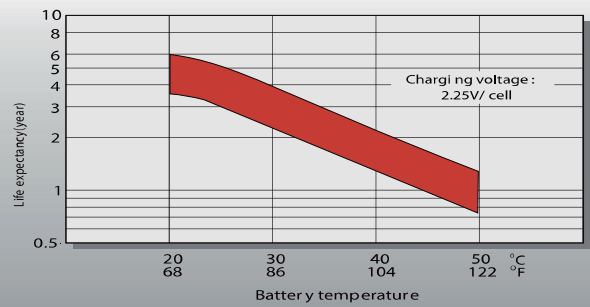
Float Charging Characteristics



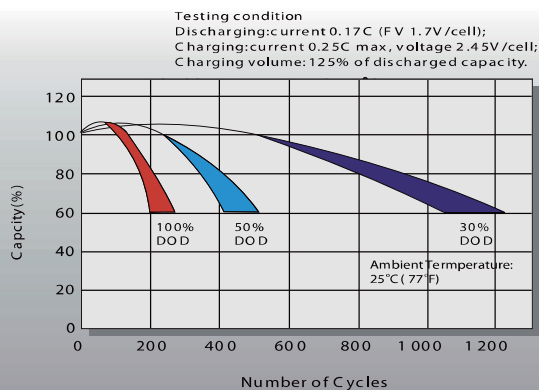
Temperature Effects in Relation to Battery Capacity



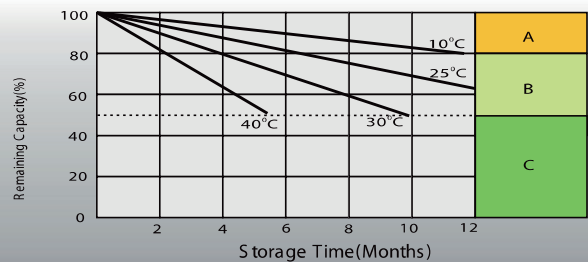
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



- No supplementary charge required (Carry out supplementary charge before use if 100% capacity is required).
- A** Supplementary charge required before use. Optional charging ways as below:
 - Charged for a above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.
 - Charged for a above 2 hours at limited current 0.25CA and constant voltage 2.45V/cell.
 - Charged for 8 ~10 hours at limited current 0.05 CA.
 - B** Supplementary charge may often fail to recover the capacity. The battery should never be left standing till this is reached.
 - C**

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