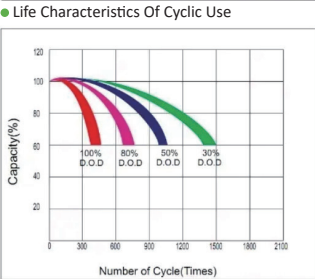
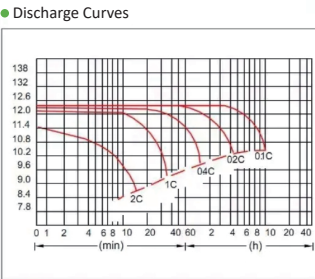
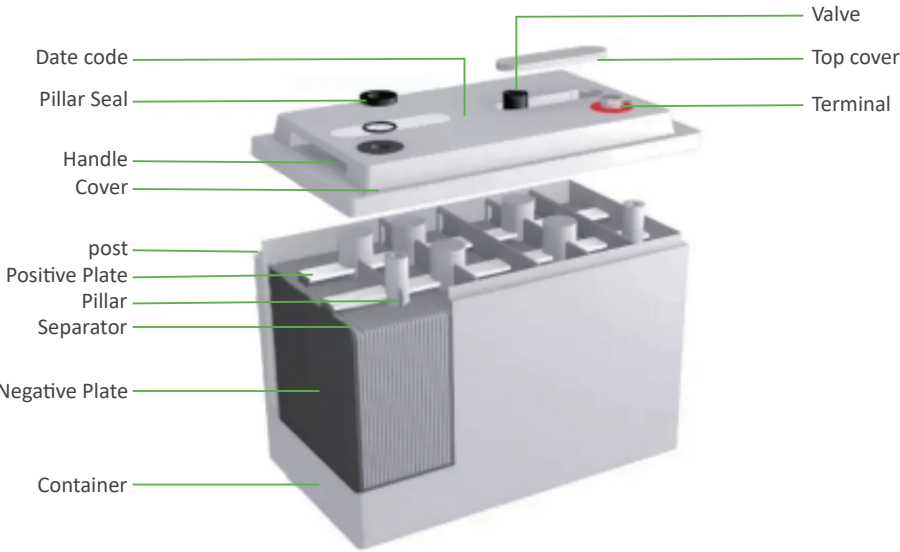


Lead-acid battery

Lead-acid battery is a rechargeable battery that uses lead and sulphuric acid to function. The lead is submerged into the sulphuric acid to allow a controlled chemical reaction. This lead-acid battery is great for smaller solar applications and is currently the most popular of its kind on the Marketplace. It has a total capacity of 1.8KWh and 2.4kWh, 50% depth of discharge.



Datasheet

Normal Volatage			
		12V	12V
Rated Capacity(C10)		150Ah	200Ah
Capacity25°C(77°F)	10 Hour rate(1.8V)	150Ah	200Ah
	3 Hour rate(1.8V)	112Ah	150Ah
	1 Hour rate(1.75V)	85Ah	110Ah
Internal Resistance		25°C(Full Charged Battery)	
		40°C(104°F)	≤4.0mΩ
		25°C(77°F)	≤3.5mΩ
		0°C(32°F)	102%
		-15°C(5°F)	102%
		-30°C(-22°F)	85%
		-45°C(-49°F)	65%
Self Discharge		25°C(77°F)	
		3 months later	91%
		6 months later	82%
		12 months later	64%
Charge Method 25°C(77°F)	Floating Charge	Current:0.05C-0.15C Voltage:13.6V-13.8V	
	Equalizing Charge	Current:0.05C-0.15C Voltage:14.2V-14.5V	
Dimension	Length	484±2mm	522±2mm
	Width	172±2mm	240±2mm
	Height	240±2mm	222±2mm
Terminal		T16	T16
Net Weight		40.5kg±3%	52.8kg±3%
Gross Weight		41.0kg±3%	53.3kg±3%

Main Features:

- Long service life
- Wide using temperature range
- Sufficient capacity
- Good safety performance
- Good sealing performance
- Low self-discharge rate
- Good electrical conductivity

Application:

- Solar/Wind Power System
- Auto Control System
- Uninterruptible Power Supplies (UPS)
- DC Power Supplies
- Electric Power Systems (EPS)
- Communication Power Supplies
- Emergency Backup Power Supplies