

12.8V 100Ah LiFePo4 SOLAR ENERGY STORAGE BATTERY

SALIENT FEATURES

- Ideal for Solar Home Lighting System
- 100% Efficient for Charge / Discharge
- Eco Friendly
- Mechanical Locking Arrangement
- Quick Charge
- Low weight (1/7th of lead acid battery)
- Cutoff - Overcharge & Discharge
- High Temperature performance



S.No.	Descriptions	Specifications	Remarks
A	Battery Configuration	12.8 V – 100 Ah	LiFePo4
B	Capacity of Individual Cell	3.2 V – 20/100 Ah	
C	Type of Cell	Cylindrical & Prismatic	
1	Nominal Capacity	100 Ah	
2	Nominal Voltage	12.8 V	
3	Voltage Range	10V -14.2V	
4	Total Energy	1280 Wh	
5	Configuration	4S-5P/1P	Four in series
6	Charging current	10A	Rated Charge Current
		25A	Max. Charge Current
7	Discharging current	10A	Rated Discharge Current
		25A	Rated Discharge Current
8	Discharge Cut-Off Voltage	10V	Rated Charge
9	Weight	10Kg \pm 2kg	Approx.
10	Cycle Life	\geq 3000 cycles	The cycle life is defined as the number of complete charges/discharge cycles that the battery is able to support before that : capacity falls under 80% of its original capacity

1. Subject to change without prior intimation
2. Batteries are customizable as per application

