

12.8V 120Ah LiFePo4 SOLAR ENERGY STORAGE BATTERY

SALIENT FEATURES

- 100% Efficient for Charge / Discharge
- Solar Application
- Eco Friendly
- 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 – 120 Ah | LiFePo4 |
| B | Capacity of Individual Cell | 3.2 V – 20Ah | |
| C | Type of Cell | Cylindrical & Prismatic | |
| 1 | Nominal Capacity | 120 Ah | |
| 2 | Nominal Voltage | 12.8 V | |
| 3 | Voltage Range | 10V -14.2V | |
| 4 | Total Energy | 1536 Wh | |
| 5 | Configuration | 4S-6P | 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

