

LITHIUM BATTERY (LIFEPO4)

12.5 Ah (160 Wh)



FEATURES



01 FASTER CHARGING
(2 - 4 HOURS)

MAINTENANCE FREE
(NO WATER TOP UP)

02



03 LONGER LIFE
(10 YEARS LIFE)

LIGHT WEIGHT
(1/4 LEAD ACID BATTERY)

04



TECHNICAL SPECIFICATION

MAKE

S.no	Description / Item	Specifications
A	Battery Configuration	12.8 V – 12.5 Ah
B	Capacity of Individual Cell	3.2 V – 5 Ah
C	Type of Cell	Cylindrical
D	Total energy of battery	160 Wh (minimum)
E	Battery Configuration	4S-3P

NOMINAL RATING

1	Nominal Capacity	12.5 Ah(minimum)
2	Nominal Voltage	12.8 V(standard)
3	*Recommended charging current	5A max
4	Recommended charging voltage	14.5V \pm 0.2V

PROTECTION

1	Over Charge Protection	3.65 \pm 0.1V per cell
2	Cell Balancing	Yes
3	*Discharge current	5A max.
4	Short circuit protection	Yes ,400 \pm 100 μ s
5	Deep Discharge Protection	2.5V \pm 0.1V per cell

STANDARD

1	*Recommended operating range	10.4V - 14.6V \pm 0.2V
2	Operating temperature	0 To 50 degree Celsius
3	Storage temperature	-10 to 50 degree Celsius
4	Output humidity	0 – 90% Rh non condensing
5	Terminal type	Wires
6	Cycle Life	More than 2000 times