

48V 100Ah - Telecom Lithium Battery

S.No	Parameters	Description
1	Cell Type	LiFePO4
2	Pack Configuration	15S1P
3	Rated Voltage	48 V
4	Rated Capacity (at standard discharge, 25°C)	100 Ah
5	kWh Rating	4.8 kWh
6	Standard Charge Current	20 A
7	Max. Continuous Charge Current	50 A
8	Charge/Discharge Cutoff Voltage	52.5 / 44 V
9	Standard Discharge Current	20 A
10	Max. Continuous Discharge Current	50 A
11	Calender Life (1 Cycle/Day)	8 Years
12	Cooling Method	Passive
13	Working Temperature (Charge)	0 to 45°C
14	Working Temperature (Discharge)	-10 to 50°C
15	Cycle Life (at 80% DOD, 25°C)	>4000
16	Charge/Discharge Efficiency	>93%
17	Communication Ports	RS485 & CAN
18	Dimension in mm (LxWxH)	625 x 136.5 x 607.5 (3U)