

48V 800Ah - Telecom Lithium Battery

S.No	Checking Items	Parameter
1	Cell Type	LiFePO4
2	Module Configuration	15S1P
3	System Configuration	1S8P
4	Rated Voltage	48 V
5	Rated Capacity (at standard discharge, 25°C)	800 Ah
6	kWh Rating	38.4 kWh
7	Standard Charge Current	200 A
8	Max. Continuous Charge Current	400 A
9	Charge/Discharge Cut-off Voltage	52.5 / 44 V
10	Standard Discharge Current	200 A
11	Max. Continuous Discharge Current	400 A
12	Working Temperature (Charge)	0 to 45°C
13	Working Temperature (Discharge)	-20 to 55°C
14	Cycle Life (at 80% DOD, 25°C)	>3000 cycles
15	Charge/Discharge Efficiency	>95%
16	Communication Ports	RS485 & CAN
17	Mounting Type	Rack Mounted
18	IP Class	IP55
19	Protections	Cell Under Voltage, Cell Over Voltage, Battery Pack Over Voltage, Battery Pack Under Voltage, Charging Over Current, Discharging Over Current, Cell Over Temperature,

		Battery Pack Over Temperature, Short Circuit
20	Additional Features (optional)	Battery Remote Monitoring, Remote Control, Geo Fencing, GPS, Anti-Theft Under Voltage