

## User Manual

## 4. MEG-BATT-1 Specification

No.	Items	Specification
1	Product Name	Ultra Slim LiFePO4 Battery
2	Module Model	MEG-BATT-1
3	Battery Type	LFP 16S
4	Nominal Capacity	5.12kWh
5	Usable Capacity	4.86kWh (95% DOD)
6	Nominal Voltage	51.2V
7	Working Voltage	43.2 ~58.4Vdc
8	Charging Voltage	58.4V
9	Max. Charge Current	100A
10	Max. Discharge Current	150A
11	Communication Port	RS485, CAN, DRY CONTACT, RS232
12	Storage Temperature	-10 ~35 (Recommended)
13	Storage Humidity	85% (RH)
14	Working Temperature	Charging 0 ~50 Discharging -20 ~60
	Working Humidity	95% (RH) No Condensation
16	Working Altitude	2000m
17	Ingress Protection	IP55
18	Protective Class	1
19	Weight	49kg
20	Dimension	780*698*68mm
21	Design Life	10 Years (25 )
22	Cycle Life	6000 (25 ), 60% EOL
23	Scalability	Module: Max. 16 in parallel (Capacity 81.92kWh)
24	Certification	CE, IEC62619, UN38.3 (upcoming)