

# 51.2V 280AH

High voltage  
LIFEPO4 battery module



No.	Product Type	BSM48280H
1	Cell Technology	Li-ion(LFP)
2	Battery Module Capacity (KWH)	14.336
3	Battery Module Voltage (Vdc)	51.2
5	Battery Cell Voltage (Vdc)	3.2
6	Battery Cell Capacity (AH)	280
7	Battery Module Cell Quantity in Series and Parallel	16S1P
8	Battery Module Charge Voltage(Vdc)	56
9	Battery System Charge Current(Standard)	140
10	Battery Module Charge Current(Normal)	140
11	Battery Module Charge Current(Max)	280
12	Battery Module Discharge Lower-Voltage(Vdc)	44.8
13	Battery System Discharge Current (Standard)	140
14	Battery Module Charge Current (Normal)	140
15	Battery Module Charge Current (Max)	280
16	Efficiency	98%
17	Depth of Discharge	90%
18	Dimension(W*D*H, mm)	905*500*235
19	Communication	RS485
20	Protection Class	IP22
21	Weight(KGS)	116.3
22	Operation Life	>10 years
23	Operation Cycle Life	>6000
24	Operation Temperature	0°C~50°C Charge -10°C ~50°C Discharge
25	Storage Temperature	-20°C~60°C
26	Product Certificate	CE/IEC/UL
27	Transfer Certificate	UN38.3/MSDS