

2.2.2 Battery Module



No.	Product Type	H48050A-15S
1	Cell Technology	Li-ion (LFP)
2	Battery Module Capacity (kWh)	2.4
3	Battery Module Voltage (Vdc)	48
4	Battery Module Capacity (AH)	50
5	Battery Module Quantity (pcs)	30
6	Battery Cell Capacity (Wh)	80
7	Battery Cell Voltage (Vdc)	3.2
8	Battery Cell Capacity (AH)	25
9	Battery Module Cell Quantity in Series (pcs)	15
10	Battery Module Charge Voltage (Vdc)	54
12	Battery System Charge Current (Standard)	10
13	Battery Module Charge Current (Normal)	25
14	Battery Module Charge Current (Max.)	50
15	Battery Module Discharge lower-Voltage (Vdc)	45
16	Battery System Discharge Current (Standard)	10
17	Battery Module Charge Current (Normal)	25
18	Battery Module Charge Current (Max.)	50
19	Efficiency	96%
20	Depth of Discharge	80% (10~90%)
21	Dimension (W*D*H, mm)	442*390*100
22	Communication	RS485 / CAN
23	Protection Class	IP20
24	Weight	24
25	Operation Life	10+Years
26	Operation Cycle Life	4000
27	Operation Temperature	0~50°C
28	Storage Temperature	-20~60°C
29	Product Certificate	TÜV (IEC62619)
30	Transfer Certificate	UN38.3