

No.	Item	POWERCUBE-H1 (720V50AH)
1	Cell Technology	Li-ion (LFP)
2	Battery System Capacity (kWh)	36.0
3	Battery System Voltage (V <sub>dc</sub> )	720
4	Battery System Capacity (AH)	50
5	Battery Controller Name	SC1000-100
6	Battery Module Name	H48050
7	Battery Module Quantity (pcs)	15
8	Battery Module Capacity (kWh)	2.40
9	Battery Module Voltage (V <sub>dc</sub> )	48
10	Battery Module Capacity (Ah)	50
11	Battery Module Cell Quantity (pcs)	15
12	Battery System Charge Voltage (V <sub>dc</sub> )	810.0
13	Battery System Charge Current (Standard)	10
14	Battery System Charge Current (Normal)	25
15	Battery System Charge Current (Max.)	50
16	Battery System Discharge lower-Voltage (V <sub>dc</sub> )	675.0
17	Battery System Discharge Current (Standard)	10
18	Battery System Discharge Current (Normal)	25
19	Battery System Discharge Current (Max.)	50
20	Efficiency	96%
21	Depth of Discharge	80% (10~90%)
22	Dimension (W*D*H, mm)	600*505*2130
23	Communication	RS485 / CAN
24	Protection Class	IP20
25	Weight (kg)	425
26	Operation Life (Years)	10
27	Operation Cycle Life	3500
28	Operation Temperature (°C)	0~50
29	Storage Temperature (°C)	-20~60
30	Humidity	5%~95%
31	Altitude (m)	<2000
32	Product Certificate	TÜV, CE
33	Transfer Certificate	UN38.3
34	Pollution Degree (PD)	II
32	Other: 1) Battery Controller Dimensions (W*D*H) 2) Battery Module Dimensions (W*D*H)	442*270*132 442*390*100

**Remark:** The parameter will be changed when the battery modules in different series (5~15 pcs battery modules).