

SPECIFICATION

Battery Module



Basic Parameters	H48050	H48074	H32148-C
Energy (kWh)	2.4	3.55	4.74
Nominal Voltage(V)	48	48	32
Battery Capacity(Ah)	50	74	148
Voltage range(V)	45~54	45~54	30~36
Dimension (W×D×H mm)	442×390×100	442×390×132	330×628×150.5
Weight(kg)	24	32	48

Powercube X series
100~600V



Basic Parameters	Powercube X1 (336V50Ah)	Powercube X2 (336V74Ah)
Battery Module	H48050	H48074
Battery System Capacity(kWh)	16.8	24.9
Battery system Voltage(V)	336	336
Battery System Voltage Range (V)	315~378	315~378
Efficiency(@0.5C-rate)	96%	96%
Depth of Discharge	95%	95%
Dimension (W×D×H mm)	600×505×1300	600×505×1380
Weight(kg)	275	330
Design Life	15+Years	15+Years
Operation Temperature (℃)	0~50	0~50
Humidity	5%~95%	5%~95%
Altitude	< 2000	< 2000
Battery Module Qty.(Optional)	2~10	2~10
Authentication level	IEC62619/VDE2510-50/UL1973/CE/CEC	

SPECIFICATION

Powercube H series
200~1000V



Basic Parameters	Powercube-H1 (720V50Ah)	Powercube-H2 (576V74Ah)
Battery Module	H48050	H48074
Battery System Capacity(kWh)	36	42.62
Battery system Voltage(V)	720	576
Battery System Voltage Range (V)	664~810	531~648
Efficiency(@0.5C-rate)	96%	96%
Depth of Discharge	95%	95%
Dimension (W×D×H mm)	600×505×2130	600×505×2130
Weight(kg)	400	450
Design Life	15+Years	15+Years
Operation Temperature (℃)	0~50	0~50
Humidity	5%~95%	5%~95%
Altitude	< 2000	< 2000
Battery Module Qty.(Optional)	5~15 pcs	5~12 pcs
Authentication level	IEC62619/VDE2510-50/ UL1973/CE/CEC	IEC62619/UL1973/CE

Powercube M1C
100~1000V



Basic Parameters	Powercube-M1C (736V148Ah)
Battery Module	H32148-C
Battery System Capacity(kWh)	108.93
Battery system Voltage(V)	736
Battery System Voltage Range (V)	621~828
Efficiency(@0.5C-rate)	96%
Depth of Discharge	90%
Dimension (W×D×H mm)	815×659×2130
Weight(kg)	1250
Design Life	15+Years
Operation Temperature (℃)	10~40
Humidity	5%~95%
Altitude	< 2000
Battery Module Qty.(Optional)	1~23 pcs
Authentication level	IEC62619/IEC63056/UL1973/UL9540A/ VDE2510-50/CE/UN38.3