

SPECIFICATION

Powercube M2
100~1000V



Basic Parameters	Powercube-M2A-180 (729.6V/148Ah)
Battery System Capacity(kWh)	107.98
Battery Module	HM2A180
Battery system Voltage(V)	729.6
Battery System Voltage Range (V)	615.6-820.8
Efficiency(@0.5C-rate)	96%
Depth of Discharge	90%
Dimension (W*D*H mm)	803*845*2130
Weight(kg)	1228
Design Life	15+Years
Operation Temperature (C)	10-40
Humidity	5%-95%
Altitude	<2000
Battery Module Qty.(Optional)	1-19 pcs
Authentication level	IEC62619/CE/UN38.3

Powercube M3
100~1400V



Basic Parameters	Powercube-M3A-100 (729.6V/148Ah)	Powercube- M3A-180 (1113.6V/148Ah)
Battery Module	HM3A100	HM3A180
Battery System Capacity(kWh)	107.98	164.81
Battery system Voltage(V)	729.6	1113.6
Battery System Voltage Range (V)	615.6-820.8	939.6-1252.8
Efficiency(@0.5C-rate)	96%	96%
Depth of Discharge	90%	90%
Dimension (W*D*H mm)	803*845*2130	1185*845*2130
Weight(kg)	1228	1798
Design Life	15+Years	15+Years
Operation Temperature (C)	10-40	10-40
Humidity	5%-95%	5%-95%
Altitude	<2000	<2000
Battery Module Qty.(Optional)	1-19 pcs	1-29 pcs
Authentication level	UL1973/IEC62619/CE /UN38.3/UL9540A	IEC62619/VDE2510-50 /CE/UN38.3

SPECIFICATION



Basic Parameter	20ft High Voltage System Container		40ft High Voltage System Container	
Container System Type	Powercube-20H-M1		Powercube-40H -M1	
System Charge/Discharge Rate	0.5C		0.5C	
System Voltage Range(V)	736(690-828)		736(690-828)	
System Capacity(kWh)	1296		2592	
Container System Type	Powercube-20H-M2		Powercube-40H -M2	
System Charge/Discharge Rate	0.5C	0.5C	0.5C	0.5C
System Voltage Range(V)	806(680-907)	1228(1036-1382)	806(680-907)	1228(1036-1382)
System Capacity(kWh)	1432	1454	2983	3273
Container System Type	Powercube-20H-M3		Powercube-40H -M3	
System Charge/Discharge Rate	0.5-1C	0.5-1C	0.5-1C	0.5-1C
System Voltage Range(V)	806(680-907)	1228(1036-1382)	806(680-907)	1228(1036-1382)
System Capacity(kWh)	1194	1091	2625	2546
Dimension (L*W*H, M)	6.058*2.438*2.896		12.192*2.438*2.896	
Ambient Temperature (C)	-20 ~ 50			
Communication	CANBUS/Modbus TCP/IP			

