Powercube M1D



Model

PowerCube-M1D-200

Cell and Battery	Cell	Battery Pack
Product Name	Rechargeable Lithium-ion Cell	Rechargeable Li-ion Battery
Model Name	Li-ion (LFP 314)	HM1D200F
Cell Rated Capacity [Ah]	314	314
Nominal Voltage [V]	3.2	57.6
Rated Energy [Wh]	1004.8	18086.4
Standard Charge Voltage [V]	3.65	65.7
Discharge Cut-off Voltage (V)	2.5 (T > 0°C)2 (T≤0°C)	45
Standard Charging Power (W)	502.4	9043.2
Standard Discharging Power(W)	502.4	9043.2
Charge Temperature Range (°C)	0~60	1~58
Discharge Temperature Range (°C)	-30~60	-27~58
Weight(Kg)	5.78±0.3	126.5±2
Dimensions: (LxWxH)mm	(174.0±0.8)*(71.7±0.8)*(206.8±0.8)	Battery pack: 890±3*470±2*226±2
Battery Structure	/	18S
Ingress Protection (IP)	N/A	IP20
Protective Class	N/A	Class I
Pollution Degree	N/A	PD 2
Cooling type	N/A	Air cooling
Altitude (m)	N/A	≤4000

Model

PowerCube-M1D-200

Cell and Battery	Battery System
Product Name	Rechargeable Li-ion Battery System
Model Name	PowerCube-M1D-200
Cell Rated Capacity [Ah]	314
Nominal Voltage [V]	57.6*n (n=6~15, in steps of 6)
Rated Energy [Wh]	18086.4*n (n=6~15, in steps of 6)
Standard Charge Voltage [V]	65.7*n (n=6~15, in steps of 6)
Discharge Cut-off Voltage (V)	45*n (n=6~15, in steps of 6)
Standard Charging Power (W)	9043.2*n (n=6~15, in steps of 6)
Standard Discharging Power(W)	9043.2*n (n=6~15, in steps of 6)
Charge Temperature Range (°C)	1~58
Discharge Temperature Range (°C)	-27~58
Weight(Kg)	26+126.5*n (n=6~15, in steps of 6)
Dimensions: (LxWxH)mm	Battery pack: 890±3*470±2*226±2Control Box: 750 ± 3*422±2*230±2Battery rack: 906 ± 2*594±2*1093±5
Battery Structure	18S*n (n=6~15, in steps of 6)
Ingress Protection (IP)	IP20
Protective Class	Class I
Pollution Degree	PD 2
Cooling type	Air cooling
Altitude (m)	≤4000



HM1D200FA

PACK Data	HM1D200FA
Battery Type	Li-ion (LFP)
Nominal Capacity (kWh)	18.086kWh
Battery Module Voltage (Vdc)	57.6
Dimension (W*D*H, mm)	890±3*470±2*226±2
Protection Class	IP20
Weight (kg)	126.5±2
Battery Module Capacity (AH)	314