

Powercube M1C - 24



Swiss distributor

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Module
Powercube M1C - 24
Basic Parameters

Battery System Capacity (kWh) 4.74*n

Battery System Voltage (Vdc) 32*n

Battery System Capacity (AH) 148

Battery Module H32148-C

Battery Module Capacity (kWh) 4.74

Battery Modules Qty. (Optional) 1~ 23

Battery System Charge Upper-Voltage(Vdc) 36*n

Battery System Standard Operation Current(A) 29.6

Battery System Normal Operation Current(A) 74

Battery System Max. Operation Current(A) 148

Battery System Discharge lower-Voltage(Vdc) 27*n

Efficiency 95%

Depth of Discharge 95%

Dimension(W*D*H, mm) 818 x 753 x 2180

Communication RS485/CAN/Ethernet

Weight (kg) 70 kg + 48 *n

Humidity 5%~95%

Altitude (m) <4000

Product Certificate IEC62619/IEC63056/UL1973/UL954
0A/VDE2510-50/CE/UN38.3

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Lithium iron phosphate battery storage system (high-voltage)

Powercube M1C Battery

Module: H32148-C



Module **H32148 -C**

Basic Parameters	
Capacity(kWh)	4.74
Nominal Voltage(Vdc)	32
Nominal Capacity(AH)	148
Voltage Range(Vdc)	30~36
Depth of Discharge	90%
Dimension(W*D*H,mm)	330*628*150.5
Communication	RS485/CAN
Protection Class	IP20
Weight(kg)	48
Operation Life	10+ years
Operation Temperature	0~50°C
Storage Temperature	-20~60°C
Product Certificate	UN38.3/ UL9540A

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Battery Management Systems (BMS)



Module

SC1000-200J-C

Basic Parameters

Related Product	PowerCube-M1C
AC Supply	---
System Operation Voltage (Vdc)	0~1000
Operation Current (Max.) (A)	148
Self-consumption Power-Relay Off (W)	6
Self-consumption Power-Relay On (W)	15
Dimension (W*D*H, mm)	330×628×150.5
Communication	MODBUS RTU/CAN /LAN
Protection Class	IP20
Weight(kg)	13
Design life (@ 25°C)	15+
Operation Temperature	-20~65
Storage Temperature	-40~80

BMS Function

Protection and Alarm

Charge/Discharge End
 Charge Over Voltage
 Charge/Discharge Over Current
 High/Low Temperature
 Operation Record
 Administrator Monitor: Current, Voltage,
 Temperature, SOC&SOH.

Management and Monitor

Cells Balance
 Intelligent Charge Model
 Capacity Retention Calculate
 Isolation and Protection
 Alarm and Protection

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