



CUBE-5.12-R

LiFePO4 Rack mount series

Model

CUBE-5.12-R

Electrical

Rated voltage [V]	51.2
Rated capacity [Ah]	100
Energy storage [kWh]	5.12
Monthly self discharge	≤2%

Standard Charge

Charge voltage [V]	58.4
Charge current [A]	50
Max. charge current [A]	100
Charge cut-off voltage [V]	58.4

Standard Discharge

Discharge current [A]	50
Max. discharge current [A]	100
Discharge cut-off voltage [V]	44.8

Environmental

Charge temperature	0 °C to 50 °C (32F to 122F) @60±25% Relative Humidity
Discharge temperature	-20 °C to 55 °C (-4F to 131F) @60±25% Relative Humidity
Storage temperature	0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity

Mechanical

IP class	IP20
Material system	LiFePO4
Case material	Metal
Case Type	Rack
Dimensions W*D*H [mm]	440*490*170
Weight [kg]	47
Terminal	M8
Protocol(Optional)	CANBus/RS485/RS232
Display(Optional)	LED/LCD