

RB 512-100-R

LiFePO4 Battery rack module



Order code:	RB 512-100-R
Description:	High performance battery module for rack
Technology:	LiFePO4
Cell:	Grade A prismatic cell
Cycles:	Over 6500 cycles with 80% DoD
BMS:	High end BMS
Compatibility:	xEMS, Deye-R, other inverters
Mounting:	Rack

Features

Industry grade ESS with high energy and power density, scalability and excellent performance. When integrated with Robotina xEMS, this LiFePO4 battery implements client's energy strategy.

Technical specification

Nominal capacity:	100Ah
Nominal voltage:	51.2V
End of discharge voltage:	46V
Charging voltage:	56V
Continuous Charge I :	100A
Continuous Discharge I:	100A
Peak Charge/Discharge I:	200A
Charge temperature:	0...45°C
Discharge temperature:	-10..50°C
Parallel Connection:	up to 20
MBS communication:	CAN/S485

Weight:	42.5kg
Dimensions (WxHxD):	440x420x155mm
Certification:	CB-IEC62619, CE-EMC, MSDS, UN38.3

Certificate

[rb_512-100-r_declaration_of_conformity.pdf](#)