Robotina d.o.o.
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

RBHV 512-200-RA-O

LiFePO4 HV battery rack

Order code:	**RBHV 512-200-RA-O**
Description:	High performance battery pack
Technology:	LiFePO4
Cell:	Grade A prismatic cell
Cycles:	Over 6500 cycles with 80% DoD
Rack batteries:	RB 512-200-R
BMS:	High end BMS
Compatiility:	xEMS, Deye-R, other inverters

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:	102.4kWh
Nominal voltage:	512V
End of discharge voltage:	440V
Charging voltage:	560V
Continuous Charge I:	100A
Continuous Discharge I:	100A
Peak Charge/Discharge I:	150A
Internal impedance:	>10mOhm
Charge temperature:	0..45°C
Discharge temperature:	-10..55°C
Parallel Connection:	up to 20
MBS communication:	CAN/S485
Self discharge:	<2.5%/Mo
Weight:	1300kg
Dimensions (WxHxD):	1300x1220x980mm
Installation method:	floor-standing
Environment:	Outdoor
Air conditioning:	1.5 kW, DC power