



RDC Charger

User manual



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

Table of Contents

RBHV 1330-280-RA-0	5
Features	6
Technical specification	6

RBHV 1330-280-RA-O

LiFePO4 HV battery rack, outdoor, liquid cooled



Order code:	RBHV 1330-280-RA-O
Description:	High performance battery pack, IP54, liquid cooled
Technology:	LiFePO4
Cell:	Grade A prismatic cell
Cycles:	Over 6500 cycles with 80% DoD

BMS:	High end BMS
Compatibility:	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:	372.7kWh
Nominal voltage:	1331.2V
End of discharge voltage:	1164.8V
Charging voltage:	1497.6V
Continuous Charge I:	140A
Continuous Discharge I:	140A
Peak Charge/Discharge I:	280A (max 1min)
Internal impedance:	>10mOhm
Charge temperature:	0..45°C
Discharge temperature:	-10..55°C
Parallel Connection:	up to 20
Communication protocol:	CAN
Weight:	max 3500kg
Dimensions (WxHxD):	1300x1300x2340mm
Installation method:	floor-standing
Environment:	Outdoor
Thermal management:	Liquid cooling/heating

