



# RDC Charger

## User manual



**Robotina d.o.o.**  
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## Table of Contents

<b>VRBHV 1331-280-RA-O</b> .....	5
<b>Features</b> .....	6
<b>Technical specification</b> .....	6



# VRBHV 1331-280-RA-O

LiFePO4 HV battery rack, outdoor, liquid cooled



Order code:	<b>RB V1331-280-RA-O</b>
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

