

# RBHV V512-200-RA

## LiFePO4 HV battery rack



|                 |                               |
|-----------------|-------------------------------|
| Order code:     | <b>RB 512-200-RA</b>          |
| 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                  |
| 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:         | 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:                   | 1100kg                 |
| Dimensions (WxHxD):       | 1200x1220x950mm        |
| Installation method:      | floor-standing         |
| Environment:              | Indoor, non condensing |

