

# RBHV V665-100-RA-O

## LiFePO4 HV battery rack



|                 |                               |
|-----------------|-------------------------------|
| Order code:     | <b>RB V665-100-RA-O</b>       |
| Description:    | High performance battery pack |
| Technology:     | LiFePO4                       |
| Cell:           | Grade A prismatic cell        |
| Cycles:         | Over 6500 cycles with 80% DoD |
| Rack batteries: | RB 512-100-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:         | 66.5kWh          |
| Nominal voltage:          | 665V             |
| End of discharge voltage: | 570V             |
| Charging voltage:         | 760V             |
| Continuous Charge I:      | 100A             |
| Continuous Discharge I:   | 100A             |
| Peak Charge/Discharge I:  | 150A             |
| Internal impedance:       | >10mOhm          |
| Charge temperature:       | 0..45°C          |
| Discharge temperature:    | -10..50°C        |
| Parallel Connection:      | up to 20         |
| MBS communication:        | CAN/S485         |
| Self discharge:           | <2.5%/Mo         |
| Weight:                   | 850kg            |
| Dimensions (WxHxD):       | 700x2250x700mm   |
| Installation method:      | floor-standing   |
| Environment:              | Outdoor          |
| Air conditioning:         | 1.5 kW, DC power |

