

RBHV 512-100-RA

LiFePO4 HV battery rack



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| Order code: | RB 512-100-RA |
| 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

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|---------------------------|------------------------|
| Nominal capacity: | 51.2kWh |
| Nominal voltage: | 512V |
| End of discharge voltage: | 440V |
| Charging voltage: | 584V |
| 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: | 580kg |
| Dimensions (WxHxD): | 650x2250x650mm |
| Installation method: | floor-standing |
| Environment: | Indoor, non condensing |

