

# Hope 5.0L-B1

- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO<sub>4</sub> battery
- External touch display screen optional
- DoD up to 98%



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| Datasheet                     | Hope 5.0L-B1        |
|-------------------------------|---------------------|
| Battery data                  |                     |
| Nominal voltage               | 51.2V               |
| Rated capacity                | 5.12kWh             |
| Usable capacity               | 5.0kWh              |
| Operating voltage             | 40 ~ 58.4V          |
| Max. discharging current      | 100A                |
| Peak discharging current      | 250A/150ms          |
| Max charging current          | 100A                |
| General data                  |                     |
| Dimension (W/D/H)             | 440/480/130.5mm     |
| Weight                        | 43±2Kg              |
| IP protection                 | IP20                |
| Charge temperature            | 0°C~+55°C           |
| Discharge temperature         | -20°C~+55°C         |
| Features                      |                     |
| DOD                           | 98%                 |
| Cycle life                    | >6000 (25°C, 0.2C,) |
| Parallel connection           | Max.48 packs        |
| Communication port            | CAN/RS485           |
| Warranty                      | 5 Years             |
| CE(EMC) , UN 38.3, MSDS, ROHS |                     |

\* Nominal charge/discharge current and power derating will occur related to Temperature and SOC