

Hope 5.0L-B1

- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- External touch display screen optional
- DoD up to 98%



P O W E R
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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