

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
- I N G O
T O M O -
R R O W O

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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	>4500 (25°C, 1C ₁₀)
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