

# HOPE 5.0LW-B1

- Flexible capacity from 5kWh to 240kWh
- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- Built-in and external touch(optional) display screen
- DoD up to 92%



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

Datasheet		HOPE 5.0LW-B1
<b>Battery data</b>		
Nominal voltage		51.2V
Rated capacity		5.12kWh
Usable capacity		5.0kWh
Operating voltage		40 ~ 58.4V
Max. discharging current		100A
Peak discharging current		750A,5ms
Max charging current		100A
<b>General data</b>		
Dimension (W/D/H)		390*152*620
Weight		<44.5kg
IP protection		IP20
Charge temperature		0°C~+55°C
Discharge temperature		-20~55°C
Installation		Wall-mounted
<b>Features</b>		
DOD		92%
Cycle life		>=6000 (80% DOD,25°C)
Parallel connection		Max.48 packs
Communication port		CAN/RS485
Warranty		5 Years
IEC62619/CE(EMC)/UN38.3/MSDS/ROHS		

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