

# HOPE 16.0LM-A1

- Flexible capacity from 16kWh to 768kWh
- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- User-Friendly touch screen interface



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

Datasheet		HOPE 16.0LM-A1
System data		
Battery type		LiFePO4
Nominal voltage		51.2V
Normal capacity		16kWh
Usable capacity		15.3kWh
Operating voltage		40~58.4V
Max. Charge/Discharge current		150A/200A
Peak charging/ discharging current		700A/200 μs
DOD		95%
General		
Dimension (W/H/D)		440/894/265mm
Weight		120±2kg
Installation		Floor-standing
Altitude		<2000 m
IP Protection		IP20
Operating temperature		Chg: 0~60°C/Dsg: -20 ~ 60°C
Storage temperature*		-20 ~ 60°C
Features		
Cycle life		6000 (0.5C , 80% DOD, @25 °C)
Cooling		Natural convection
System connection		Max. 48 pcs in parallel
Communication port		CAN/RS485
Warranty: 5 years / 10 years		Yes /Optional
CE(EMC), UN38.3, MSDS, ROHS, IEC62619		

\* Suggested storage temperature is -10~35 °C