GROWATT

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



POWER-INGO
TOMO-RROW

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 us
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℃/Dsg: -20 ~ 60℃
Storage temperature*	-20 ~ 60℃
Features	
Cycle life	6000 (0.5C , 80% DOD, @25 ℃)
Cooling	Natural convection
System connection	Max. 48 pcs in paralle
Communication port	CAN/RS485
Warranty: 5 years / 10 years	Yes /Optional
	CE(EMC), UN38.3, MSDS, ROHS, IEC62619

* Suggested storage temperature is -10~35 ℃