

Growatt HOPE 14.3L-A1 Battery

- Flexible capacity from 14.3kWh to 686.4kWh
- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- Long lifespan, 10 years warranty



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Datasheet		Growatt HOPE 14.3L-A1
System data		
Battery type		LiFePO4
Nominal voltage		51.2V
Normal capacity		14.3kWh
Usable capacity		13.3kWh
Operating voltage		40~58.4V
Charge/Discharge current		140A
Max. charging/ discharging power		225A/245A, 3s
DOD		93%
General		
Dimension (W/H/D)		440/812/265mm
Weight		<120kg
Installation		Wall-mounted
Altitude		<2000 m
IP Protection		IP20
Operating temperature		Chg: 0~55°C/Dsg: -20 ~ 60°C
Storage temperature*		-20 ~ 60°C
Features		
Cycle life		≥6000
Cooling		Natural convection
System connection		Max. 48 pcs in paralle
Communication port		CAN/RS485
Warranty		10 years
CE(EMC), UN38.3, MSDS, ROHS, IEC62619		

* Suggested storage temperature is -10~40 °C

