

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