

# Hope 5.5L-A1

- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- DoD up to 93%



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

**G**ROWATT

[www.ginverter.com](http://www.ginverter.com)

Datasheet		Hope 5.5L-A1
<b>Battery data</b>		
Nominal voltage		51.2V
Rated capacity		5.5kWh
Usable capacity		5.12kWh
Operating voltage		40 ~ 58.4V
Max. discharging current		100A
Peak discharging current		120A/3S
Max charging current		100A
<b>General data</b>		
Dimension (W/D/H)		440/540/130.5mm
Weight		45±1Kg
IP protection		IP20
Charge temperature		0°C~+55°C
Discharge temperature		-20°C~+55°C
<b>Features</b>		
DOD		93%
Cycle life		>6000 (25°C, 0.2C,)
Parallel connection		Max.12 packs
Communication port		CAN/RS485
Warranty		5 Years
CE(EMC), UN 38.3, MSDS, ROHS		

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