

# Hope 5.5L-A1

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



**G**ROWATT

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