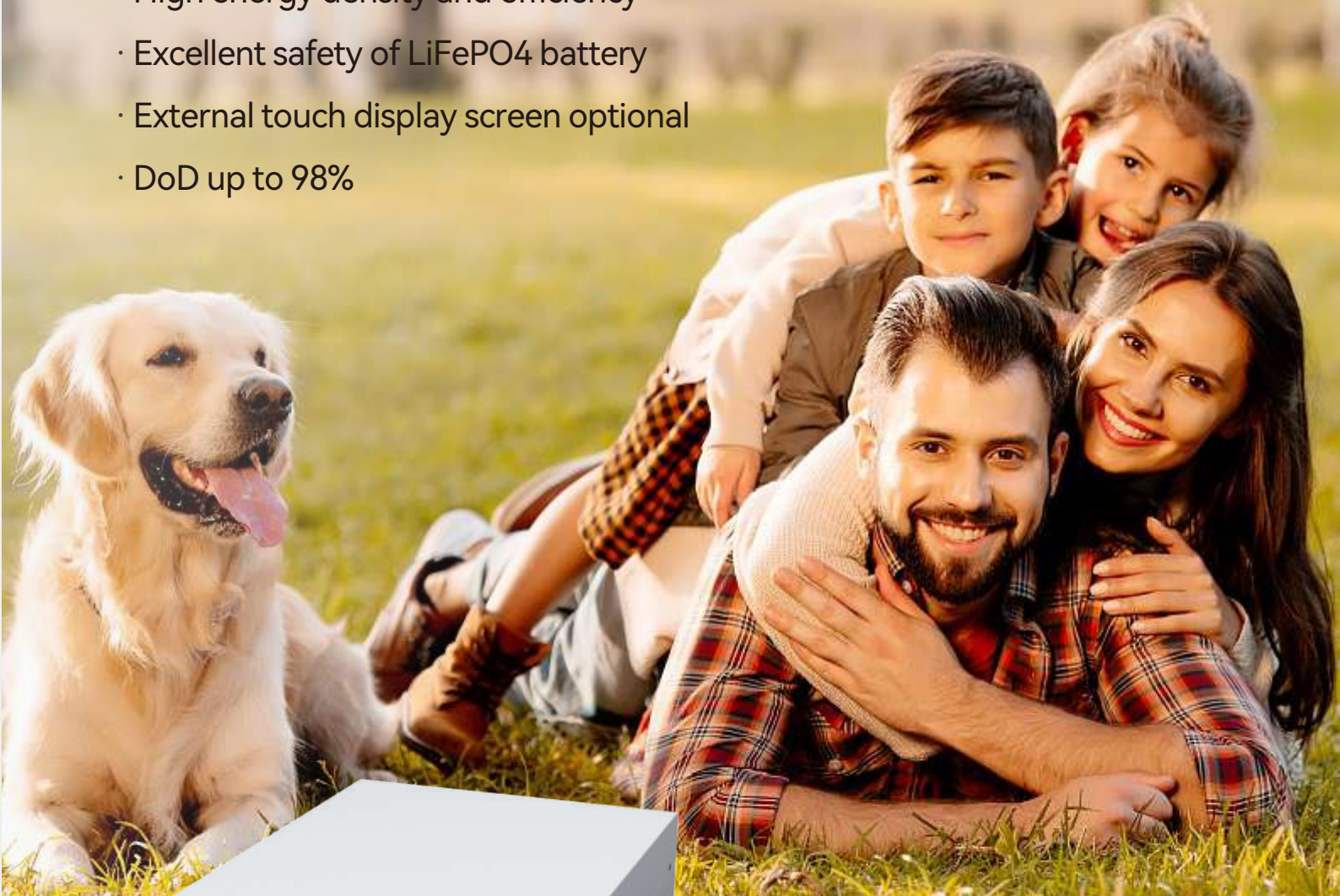


# Hope 5.0L-B1

- Compact size and easy installation
- High energy density and efficiency
- Excellent safety of LiFePO4 battery
- External touch display screen optional
- DoD up to 98%



P O W E R  
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**GROWATT**

[www.en.growatt.com](http://www.en.growatt.com)

Datasheet		Hope 5.0L-B1
<b>Battery data</b>		
Nominal voltage		51.2V
Rated capacity		5.12kWh
Usable capacity		5.0kWh
Operating voltage		40 ~ 58.4V
Max. discharging current		100A
Peak discharging current		250A/150ms
Max charging current		100A
<b>General data</b>		
Dimension (W/D/H)		440/480/130.5mm
Weight		43±2Kg
IP protection		IP20
Charge temperature		0°C~+55°C
Discharge temperature		-20°C~+55°C
<b>Features</b>		
DOD		98%
Cycle life		>6000 (25°C, 0.2C,)
Parallel connection		Max.48 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