

# DL5.0

DL5.0 is ideal for residential and small commercial and industrial applications. It has a modular design and supports 50 units in parallel to have a capacity range from 5.12kWh to 256kWh. It uses high-performance LFP batteries, high security and reliability in order to ensure the user's electricity consumption.



## Flexible Expansion

Up to 50 units in parallel,  
5.12kWh--256kWh capacity



## Easy Installation

Standardized 19-inch 3U  
chassis design, stacked  
installation



## Long-term Reliability

LFP cells, 6000+ cycles, 10  
years warranty



## Battery Equalization

Supports for mixing modules under  
different SOC to ensure battery life



## All-round Safety

Short-circuit lockout, surge-resistant,  
safe and reliable

Model	DL5.0
Battery Type	LiFePO <sub>4</sub>
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max. Charge Current	75A
Max.Continuous Discharge Current	100A(1C)
Peak Discharge Current	110A(15s)
Depth of Discharge (DOD)	90%
Net Weight	44kg
Dimension[W/D/H]	481/535/140mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
WIFI Module	Optional
Cycle Life	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 50 units in parallel
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040/RoHS
Compatible Inverters	SMA/Schneider/Victron energy/Ingeteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/DEYE/Apsystem etc.

\* Test conditions: 0.2C Charging & Discharging, @25°C, 90% DOD

