

DL2.5

DL2.5 is a low-voltage lithium energy storage battery designed for home applications. It supports up to 16 parallel units to reach an energy range from 2.56kWh to 40.96kWh. 1.3C discharge rate, it provides strong power for home electricity, with high safety, high performance, and high return on investment.



Flexible Expansion

Up to 16 units in parallel, 2.56kWh--40.96kWh capacity



1.3C Discharge

Simultaneously supplying power to multiple loads, no need to worry about power outages



Easy Installation

30% less volume, high space utilization



All-round Safety

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



Battery Equalization

Support extreme mixing of modules at 0% and 100% charge



Smart Management

Real-time system monitoring, remote control, OTA updates

Model	DL2.5
Cell Technology	LiFePO ₄
Battery Module Capacity	2.56 kWh
Battery Module Voltage	25.6V
Battery Module Capacity	100 Ah
Battery Module Charge Voltage	28.5V
Recommended Charge/Discharge Current	50A
Max. Charge Current	75A
Max. Discharge Current	130A
Depth of Discharge (DOD)	90%
Cycle Life *	≥6000
Dimension(W/D/H, mm)	481/221/133
Communication	CAN/RS485
WIFI Module	Optional
IP Grade	IP20
Weight	23kg
Charging Temp. Range	0°C~+55°C
Discharging Temp. Range	-20°C~+55°C
Compatible Inverters	Steca/Sorotec/Must/Victron/Growatt
Certification	UN38.3/CE-EMC/IEC62619/ECE R10/GOST-R

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

