

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

1C Discharge
Simultaneously supplying power to multiple loads, no need to worry about power outages

Automatic Self-heating
-20°C to 55°C operating temperature (optional)

Easy Installation
Support wall-mounted, floor-mounted, stacked and rack-mounted installations, high space utilization

Long-term Reliability
LFP cells, 6000+ cycles, 10 years warranty

All-round Safety
Short-circuit lockout, surge-resistant, safe and reliable

Model	DL5.0C
Battery Type	$LiFePO_4$
Nominal Battery Energy	5.12 kWh
Nomina Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Recomended Charge & Discharge C Rate	0.5C
Maximum Discharge Crate	1C
Recommended Charge/Discharge Current	50A
Max. Charge/Discharge Current	Charge 75A Discharge 100A
Peak Discharge Current	110A(15s)
Depth of Discharge (DOD)	90%
Net Weight	49.9kg
Dimension[W/D/H](mm)	558/545/150
Charging Temp. Range	0~55°C/-20~55°C (with heating function)
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Cycle Life *	≥6000 Cycles
Protection Level	IP20
WIFI Module	Optional
Expansion	Up to 50 units in parallel
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/CEI-021/GOST-R
Compatible Inverterst	SMA/Schneider/Victron energy/Ingeteam/Solis/GoodWe/Growatt/Soplanet/Luxpower/DEYE etc.

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