

DL5.0C Pro

DL5.0C Pro is suitable for residential and small commercial and industrial scenarios, with up to 50 units in parallel and an energy range from 5.12 kWh to 256 kWh. High cycle times and security ensure users' electricity freedom and safety.



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)



Ultra Safe

Intelligent fire extinguishing system, detects and extinguishes fire in 5s(optional)



Easy Installation

Easy Installation: Support wall-mounted, floor-mounted installations, 15cm ultra slim, high space utilization



Smart Management

Real-time system monitoring, remote control, OTA updates

Model	DL5.0C Pro
Battery Type	LiFePO ₄ (LFP)
Nominal Battery Energy	5.12kWh
Usable Battery Energy	4.864kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8V~57.6V
Recommended Charge & Discharge C Rate	0.5C (50A)
Max. Charge C Rate	0.75C (75A)
Max. Discharge C Rate	1C (100A)
Peak Discharge Current (25°C)	120A, 10min
Recommended Charge & Discharge Power	2.56kW
Max. Charge Power	3.84kW
Max. Discharge Power	5.12kW
Depth of Discharge (DOD)	95%
Charge Temp. Range	0~55°C/-20~55°C (optional)
Discharge Temp. Range	-20°C~55°C
Net Weight	46kg
Dimension[W/D/H]	488/515/150mm
Protection Level	IP20
Communication	CAN/RS485
Cycle Life ^[1]	≥6000 Cycles
User Interface	WIFI+APP
Safety Protection	Aerosol fire extinguisher(optional)
Installation	Wall-mounted,Floor-mounted
Expansion	Up to 50 units in parallel
Warranty Period ^[2]	10 Years
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/CE-RED/CEI 0-21
Compatible Inverters	SMA/Schneider/Victron Energy/Ingeteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/Deye/Apsystem etc.

[1] Test conditions: 0.2C Charging& Discharging, 25°C, 95% DOD, 70%EOL

[2] Refer to Dyness Warranty Letter

