

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



1.2C Discharge (10min)

Output 1.2C for 10min to support
peak loads, no worry about random
peak powers.



Smart Management

Real-time system monitoring,
remote control, OTA updates



Ultra Safe

Intelligent fire extinguishing system, detects
and extinguishes a fire in 5s



Easy Installation

Support wall-mounted, floor-mounted
installations, high space utilization

Model	DL5.0C Pro
Battery Type	LiFePO4
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
Maximum Discharge C Rate	1C
Recommended Charge/Discharge Current	50A
Max. Charge/Discharge Current	Charge 75A Discharge 100A
Peak Discharge Current	120A@10min
Depth of Discharge (DOD)	95%
Net Weight	46kg
Dimension[W/D/H]	488/515/150mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485
WIFI Module	Built-in WIFI module; APP OTA function
Cycle Life*	≥6000 Cycles
Protection Level	IP20
Active fire protection system	Aerosol fire extinguisher
Expansion	Up to 50 units in parallel
Pros	Can be used in both off-grid and hybrid setups, compact design
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/CE-RED
Compatible Inverters	SMA/Schneider/Victron energy/Ingeteam/Solis/GoodWe/ Growatt/Solplanet/Luxpower/DEYE/Apsystem etc.

* Test conditions: 0.2C Charging & Discharging. @25°C, 95% DOD

