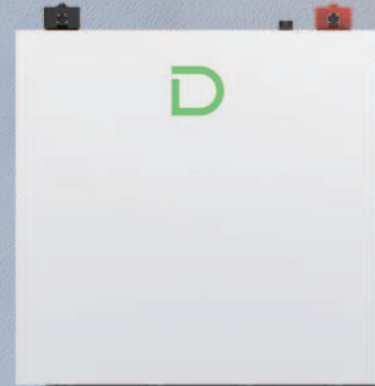


DL5.0C Pro

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, react within 5 seconds(optional)



Easy Installation

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



Smart Management

Real-time system monitoring, remote control, OTA updates

| Model | DL5.0C Pro |
|--------------------------------------|--|
| Battery Type | LiFePO ₄ |
| Nominal Battery Energy | 5.12kWh |
| 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 | 120A(10min) |
| Depth of Discharge (DOD) | 95% |
| Net Weight | 46kg |
| Dimension[W*D*H] | 488*515*150mm |
| Charging Temp. Range | 0~55°C/-20~55°C (with heating function) |
| 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 | Optional 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 Inverterst | SMA/Schneider/Victron energy/Ingeteam/Solis/GoodWe/Growatt/Soplanet/Luxpower/DEYE etc. |

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

