



DL5.0C

ENERGY STORAGE SOLUTIONS

DYNESS DL5.0C adopts economic design, and is tailor-made for residential & light commercial. This LFP battery module supports remote update and APP monitoring and provides multiple installation options wall-mounted, floor-standing and stack. It is scalable from 5.12 - 256 kWh (max. 50 modules in parallel), providing various energy storage options to meet different requirements.

Features and advantages



Real-time monitoring Remote upgrade available

APP Monitoring(Optional)



Modular Design Flexible expansion



Wide Compatibility

Matching with leading inverter brands



Various Mounting Methods

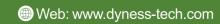


Wall-mounted, floor-standing



Cell level monitoring and balancing







Technical Parameters

Model	DL5.0C
Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Recommended C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max. Power Charge Current	75A
Max. Power Discharge Current	100A
Peak Power Charge/Discharge Current	110A(15s)
Depth of Discharge	90%
Net Weight	54kg
Dimension[W*D*H]	558*545*150mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Cycle Life ^[1]	≥6000 Cycles
Protection Level	IP20
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/CEI-021
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc.

[1]Test conditions:0.2C Charging/Discharging,@25°C,80% DOD





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