

C5

Wall Mounted LFP Battery



Features



Enhanced Safety

- Pre-charge Circuit Integrated
- Emergency Shutdown with Battery Breaker
- Built-in Fire Fighting System (Optional)



Installer Friendly

- Self-contained bracket mounting
- Rack-mountable plug-in unit installation



10 years Warranty



Smart

- Remote Monitoring and Upgrading



Extraordinary Performance

- Continuous 0.75C Charge/Discharge Rate
- Peak Discharge Rate 1.2C@3 min
- 90% DoD



Wide-temperature ready

- Heating Pad Integrated (Optional)



Greater scalability

C5 Specs

Electrical

Nominal Voltage	51.2VDC
Nominal Capacity	100Ah
Nominal Energy	5.12KWH
Operating Voltage Range	46.5VDC ~ 56.8VDC
Recommended Charge/ Discharge Current	75A (0.75C)
Maximum Continuous Discharge Current	75A (0.75C)
Maximum Discharge Current	120A@3min

General

Chemistry	LFP
Connection Options	Copper bar Connectors
Structure	DC Breaker & Pre-Charge Circuit Integrated
Communication Interface	RS485 / CAN2.0 / Dry Contact / WiFi
Dimensions	628 x 484 x 239.5mm / 24.72 x 19.06 x 9.43inch
Weight	48.9kg / 107.8lbs
Operating Temperature	Charge: 0 ~ 55°C / 32 ~131°F Discharge: -10 ~ 55°C / 14 ~ 131°F
Operating Temperature with Heating Pad	-20°C ~ 55°C / -4°F ~ 131°F
Ingress Protection Ratings	IP20
Cycle Life*	6000 Cycles 100%DOD 70%SOH
Warranty	10 Years
Mounting Method	Plug-in / Bracket Type

* Test Conditions: 25°C, 0.2C / 0.2C, 90%DoD, 80% EOL

Add-on Functionalities

Scalability	16 pcs (81.92kWh) in a group 6 groups (491.52kWh) in a system w / a Hub
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Compliance

UN38.3 / CE / IEC62619

Compatible Inverter

Solis / Voltronic / SMA / DEYE / GOODWE / Sungrow / Victron / Solax / Hoymiles / Growatt / SAJ / Afore.. etc.

* This is an initial datasheet version and is subject to revision