

C5W

Wall Mounted LFP Battery



Features



Enhanced Safety

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



Installer Friendly

- Wall or Ground Mounted
- Effortless Installation and Quick Commissioning



10 years Warranty



Extraordinary Performance

- Continuous 0.75C Charge/Discharge Rate
- Peak Discharge Rate 12C@3 min
- 90% DoD



The All Weather Battery

- IP66 Rated Water & Dust Proof
- Heating Pad Integrated (Optional)



Smart

- Remote Monitoring and Upgrading

C5W 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	Amphenol SurLok Plus 8.0
Structure	DC Breaker & Pre-Charge Circuit Integrated
Communication Interface	RS485 / CAN2.0 / Dry Contact / WiFi (Integrated)
Dimensions(without Cover)	560 x 560 x 184.5mm / 22 x 22 x 7.26inch
Dimensions(with Cover)	609 x 560 x 184.5mm / 23.98 x 22 x 7.26inch
Weight(without Cover)	49.5kg / 109.13lbs
Weight(with Cover)	50.7kg / 111.77lbs
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	IP66
Cycle Life*	6000 Cycles 100%DOD 70%SOH
Warranty	10 Years
Mounting Method	Wall / Ground Mounted

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

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