

# V5W

## Wall Mounted LFP Battery



### Features



#### Enhanced Safety

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



#### Installer Friendly

- Effortless Installation and Quick Commissioning
- Wall or Ground Mounted



#### 10 years Warranty



#### Extraordinary Performance

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



#### Weatherproof Battery

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



#### Smart

- Remote Monitoring and Upgrading



UN38.3



CEC SGIP

# V5W Specs

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## 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)	520 x 530 x 165mm / 20.47 x 20.87 x 6.50inch
Dimensions(with Cover)	600 x 530 x 165mm / 23.63 x 20.87 x 6.50inch
Weight(without Cover)	50kg / 110.23lbs
Weight(with Cover)	51kg / 112.44lbs
Operating Temperature	Charge: 0 ~ 55°C / 32 ~ 131°F Discharge: -10 ~ 55°C / 14 ~ 131°F
Operating Temperature with Heating Pad (optional)	-20°C ~ 55°C / -4°F ~ 131°F
Ingress Protection Ratings	IP66
Cycle Life*	6000 Cycles
Warranty	10 Years
Fire Safety (optional)	Aerosol fire suppression module
Mounting Method	Wall / Ground Mounted

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

## Compliance

UN38.3 / CE / IEC62619 / UL1973 / UL9540 / UL9540A

## Compatible Inverter

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