

V5W20

Wall Mounted LFP Battery



Features



Reliable

- Tier 1 Automotive Grade A LiFePO4 cells
- Self-designed & Field-proven BMS



Enhanced Safety

- Pre-charge Circuit Integrated
- Emergency Shutdown with Battery Breaker



10 years Warranty



Extraordinary Performance

- Continuous 1C Discharge Rate
- Peak Discharge Rate 12C@3 min.
- 90% DoD



Smart

- Remote Monitoring and Upgrading



V5W20 Specs

Electrical

Nominal Voltage	51.2VDC
Nominal Capacity	100Ah
Nominal Energy	5.12KWH
Operating Voltage Range	47.5VDC ~ 57.6VDC
Recommended Charge/	75A (0.75C)
Discharge Current	
Maximum Continuous	100A (1C)
Discharge Current	
Maximum Discharge Current	120A@3min

General

Chemistry	LFP
Connection Options	PHOENIX M6 Bolt
Structure	DC Breaker & Pre-Charge Circuit Integrated
Communication Interface	RS485 / CAN2.0 / Dry Contact / WiFi (Integrated)
Dimensions	520 x 530 x 165mm / 20.47 x 20.87 x 6.50inch (Undetermind)
Weight	50kg / 110.23lbs (Undetermind)
Operating Temperature	Charge: 0 ~ 55°C / 32 ~131°F Discharge: -10 ~ 55°C / 14 ~ 131°F -20°C ~ 55°C / -4°F ~ 131°F (optional)
Operating Temperature with Heating Pad	
Ingress Protection Ratings	IP20
Cycle Life*	6000 Cycles
Warranty	10 Years
Fire Safety	Aerosol fire suppression module (optional)
Mounting Method	Wall / Ground Mounted

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

Compliance

IEC62619, CE, UN38.3

Compatible Inverter

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