



5.12
kWh



Solar System Optimization

10Year Warranty

Exterior Rated & Stackable



FEATURES

- 10 year warranty
- Ultra safe LFP material
- Short circuit protection
- Built for safety
- Wide range inverter compatibility
- Parallel up to 16 modules
- Load shifting
- Multi protection to avoid over discharge
- Smart BMS management for longer lifespan
- Active balancing charging, low self consumption



VOLT BANK

BATTERY

Model	VB 5100
Cell Type	LFP
Rated Power	5.12kWh
Rated Capacity	100Ah
Rated Voltage	51.2V
Charge Voltage	56.5V
Max Charge/Discharge Current	100A
Discharge Peak Current	105A / 15s, 120A /
Parallel	Up to 16 units parallelable
Protection Rating	IP65
Dimension	27 1/4"W * 15 5/8"H * 6 3/4"D 2" H Base
Weight	112 lbs
Communication	CAN/RS485
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA, Goodwe, Growatt, Sofar, Solark, Victron, Solis, Megarevo, Growatt
Humidity	5%~85% RH
Work Temperature	-4°F ~ 131°F
Storage Temperature	14°F ~ 95°F
Built-in BMS	Battery voltage, current, temperature, and State of Charge (SOC)
Certification	  10 year, 6000 cycles UL- UL1973 and UN38.3 0.5C, 80%DOD
Protection	Over charge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection