



ECOSHIELD
TO A BETTER FUTURE

Energy Storage Battery



32KW Max. Power

Quality Assurance

Long Cycle Life



Features

- ✦ More convenient touch screen operation panel.
- ✦ Stylish and minimalist design.
- ✦ Just plug and play to minimize the installation time and cost.
- ✦ Adopt lithium iron phosphate battery cell, Long life and better safety.
- ✦ Compatible with most of the available Hybrid inverters.
- ✦ Modular design gives the end customers the power of choice of capacity.
- ✦ Multiple safety certifications: MSDS, UN38.3, CE

Application Areas



Luxury Villa



Residential Electricity



Nomadic Farms



Communication Base Station



Wi-Fi Link



Bluetooth Link

Battery Specifications

Model	CA-51V32H
BatteryType	LiFePO4
Capacity	628Ah
Rated Voltage	51.2V
Total Energy	32.15kWh
Working Voltage Range	44~58.4V
Max. Charge Current	200A
Max. Discharge Current	200A
Standard Charge Current	150A
Standard Discharge Current	150A
Max. Parallel Quantity	15
Designed Lifespan	8000 Cycles (Test Conditions:90%DOD, 0.2C Charge & Discharge at +25°C Humidity50%)
Operating Temperature	Charge: 0°C~60°C Discharge:-10°C-60°C
Operation Humidity	5~95%
Nominal Operation Aitude	≤3000m
IP Protection	IP20
Installation Method	Wheel Type
Communication	RS232,RS485,CAN
Certification	MSDS,UN38.3,CE
Net Weight	≈240kg (±2%)
Production Dimension	≈550*503*1029mm (±2%)
Warranty	10 years, 5 years replace, and balance 5 years repair

* Specifications included in this datasheet are subject to change without notice. EcoShield reserves the right of final interpretation.



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