

ALL IN ONE ESS



FEATURES

- ★ Integrated battery, inverter and all accessories, easily installed and ready to use with cables connected
- ★ Integrated low-voltage battery and inverter for single-phase circuits
- ★ Modular battery packs, connected in parallel to increase battery capacity
- ★ Ultra-slim design style, space-saving
- ★ Certified for grid CE
- ★ Safe, durable and cycle life up to 6500 cycles
- ★ Configure two MPPT interfaces to support up to 11kw of PV
- ★ IP65 rated high strength waterproof, supporting outdoor installation

APPLICATION SCENARIOS



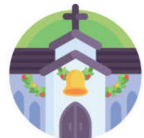
STORE



FAMILY



OFFICE



CHURCH

MODEL FA-201

Inverter Specifications

Max. PV Input Power	11000W		
Rated AC output power	6000W		
Nominal DC Voltage/ Voc	360Vdc/ 600Voc		
Start-up/ Min.operating Voltage	50Vdc/ 40Vdc		
No. of MPPTs	2		

Battery Specifications

Rate voltage(Vdc)	51.2		
Energy storage(KWH)	5.12	10.24	20.48
Cycle life	6500 cycles @80% DOD, 0.5C		
Monthly self discharge	≤2%		

Charge/ Discharge standard

Charge Voltage	57.6V		
Max. Charge current(A)	100		
Max. Discharge current(A)	120		
Discharge cut-off voltage(VDC)	43.2		
Charge cut-off voltage(VDC)	58.4		

Environment

Charge temperature	0°Cto 55°C@60±25% Relative Humidity		
Discharge temperature	-25°Cto 55°C@60±25% Relative Humidity		
Storage temperature	-20°Cto 55°C@60±25% Relative Humidity		

Mechanical

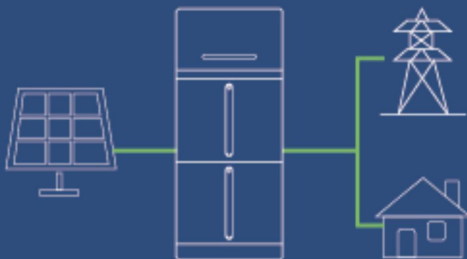
IP class	IP65		
Case Type	All in One Stack		
System Dimensions L*W*H(mm)	620*243*1295		620*243*1890

Communication

Protocol(Optional)	RS485/RS232, WLAN Optional		
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Certificates

System	UN38.3,MSDS,EN,IEC,NRS, G99		
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054		



- Premium 3.6- 6kW Hybrid Solar Inverter Available
- Flexible battery parallel configuration
- Compatible with global main Inverter brands.
- High efficient energy solution for residential and small commercial