

SET IT. FORGET IT.

Install Once. Relax Forever.

3/5kVA



Compact



Fast & Hassle
FreeSetup



Safe &
Intelligent



Zero
Noise

How Much Can Your BESS Power?



Air Conditioner
3 kVA: 1 Nos.
5 kVA: 2 Nos.



LED TV with Wifi
1 No.



Refrigerator
1 No.



Fans with lights
2-3



Washing Machine
5 kVA: 1 Nos.

Actual performance depends on battery capacity (kWh), appliance efficiency, and usage.

Specifications	3/5 kVA
Physical Dimensions:	
Dimension (W × D × H)	440x560x650 (mm)
Net Weight (kg)	80 kg
Input Parameters:	
Input Phase Configuration	1-Phase
Nominal Voltage	230V AC
Voltage range	110V ~ 280V AC
Nominal frequency	50/60 Hz
Frequency range	±10%
Output Parameters (Battery mode):	
Output Phase Configuration	1-Phase
Nominal Voltage	230V AC
Voltage regulation	±1%
Nominal frequency	50/60 Hz
Frequency range	±0.1%
Efficiency	94%
Switching time	zero
Special Features:	
LCD Display for monitoring: Input: voltage/frequency/current, Output: voltage/frequency/current/load (kVA/kW), Battery: voltage/current	Yes
Protection/Alarm: Short circuit, Output Overload, Over temperature, Input voltage Over/under, DC bus high/low, Battery low, Output voltage over/under	Yes
Environmental:	
IP rating	IP20
Operating altitude	0 ~ 1500M (Derating above 1500M; 1% per 100M)
Operating Temperature & Humidity	0 ~ 50 deg C & 0 ~ 95% RH Non-condensing (Derating above 50 deg C; 1% per Deg C)
Communication:	
Communication Interface: RS232/USB/EPO (standard) SNMP/ Modbus/Wifi/IoT (Optional)	Yes
Battery Specification	
Battery voltage	48V DC
Maximum Discharging/charging current	100 Amps
Recommended charging current	50 Amps
Operating temperature	-20 to 60 deg C
Battery capacity (kWh)	3kVA: 4.8 kWh 5kVA: 4.8/9.6kWh