

SET IT. FORGET IT.

Install Once. Relax Forever.



15kVA



Compact



Fast & Hassle
FreeSetup



Safe &
Intelligent



Zero
Noise

How Much Can Your BESS Power?



Air Conditioner
5-6 Nos.



LED TV with Wifi
1 No.



Refrigerator
1 No. (Twin Door)



Fans with lights
Full Lightning



Geyser
1 No.



Washing Machine
1 No.

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

Specifications		15 kVA
Pyhsical Dimensions:		
Dimension (W × D × H)	600X925X1900 (mm)	
Weight (kg)	350 kg	
Input Parameters:		
Input Phase Configuration	3-Phase	
Nominal Voltage	400V AC	
Voltage range	175V ~ 270V AC (per phase)	
Nominal frequency	50/60 Hz	
Frequency range	±10%	
Output Parameters (Battery mode):		
Output Phase Configuration	3-Phase	
Nominal Voltage	400V AC	
Voltage regulation	±1%	
Nominal frequency	50/60 Hz	
Frequency range	±0.1%	
Efficiency	95%	
Switching time	6~10 msec	
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	
Time of Use, Peak shaving, Parallel feature, Unbalanced load	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)	
PV Input Parameters:		
Rates Power (kWp)	22.5	
MPPT Voltage Range	350V~900V DC	
No. of MPPT Trackers	2	
Maximum PV Current per MPPT Tracker	26A	
Battery Specification		
Battery voltage	48V DC	
Maximum Discharging/Charging Current	300 Amps	
Recommended Charging Current	150 Amps	
Battery capacity (kWh)	14.4/28.8 kWh	