Kayam Solar

10 YEARS EXPERIENCE



KAYAM SLIM LITE SOLAR INVERTER

High Efficiency | Pure Sine Wave | In-built Solar Controller

- Pure sine wave hybrid inverter with 93% peak efficiency
- In-built PWM solar charge controller
- Double surge power capacity
- Advanced battery charging algorithm to increase battery performance
- Compatible to mains voltage and generator power
- Auto restart function and cold start functions
- Overload and short circuit protection
- Advanced monitoring software included



Comprehensive Display

Slim is designed to offer great flexibility in user operation. Inbuilt LCD screen and menu buttons allow you to customize voltage range, charging priority and battery charging current. You can also view operating status and power information on the LCD screen.



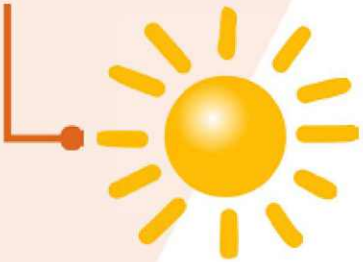
Slim Design

Sleek design allows you to easily mount this inverter on the wall. With the included complete manual, installation is also super easy!



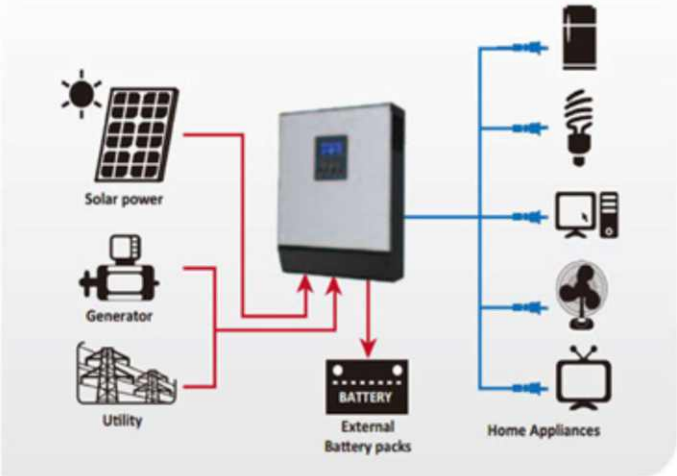
Solar Enabled

Slim makes going solar easy! You can connect the solar panels directly to the inverter and the inbuilt solar charge controller will let you generate free power from solar energy! Intelligent system automatically gives priority to solar power over grid power.

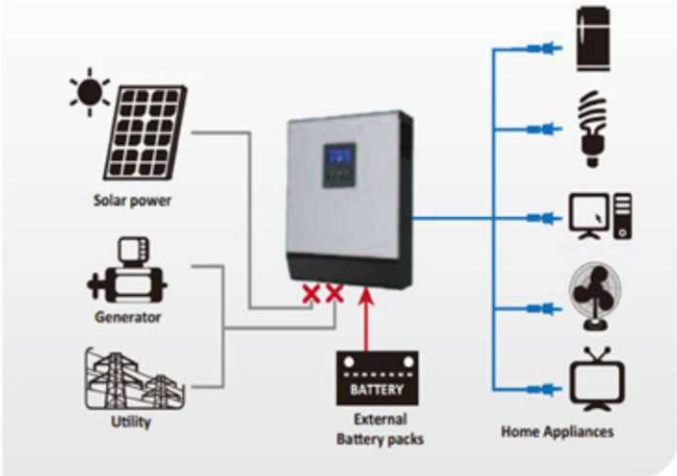




1 As Hybrid Power system



2 As Power backup system



MODEL	1kVA-12V	3 kVA-24V	5kVA-48V
RATED POWER	1000 VA / 1000 W	3000VA / 3000W	5000VA / 5000W
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For UPS Mode); 90-280 VAC (For Appliance Mode)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%		
Surge Capacity	2000VA for 5 seconds	6000VA for 5 seconds	10000VA for 5 seconds
Overload Protection	10 ms (For Personal Computers); 20 ms (For Home Appliances)		
Efficiency (Peak)	93%		
Transfer Time	10 ms (For UPS Mode); 20 ms (For Appliance Mode)		
Waveform	Pure Sine Wave		
BATTERY			
Battery Voltage	12VDC	24 VDC	48 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC
Overcharge Protection	16 VDC	32 VDC	60 VDC
SOLAR CHARGER			
Maximum PV Wattage Capacity	600W	1500 W	3000 W
Operating Voltage Range	15-18 VDC	30-32 VDC	60-72 VDC
Maximum PV Array Open Circuit Voltage	50 VDC	80 VDC	105 VDC
Maximum Solar Charge Current	50 A		
Maximum AC charge current	20 A	25 A	60 A
PHYSICAL			
Dimension, D x W x H (mm)	88x 225 x 315	100 X 285 X 334	100 x 440 x 300
Net Weight (kgs)	5	6.3	11
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	-10°C - 55°C		
Storage Temperature	-15°C - 60°C		

Product specifications are subject to change without further notice.

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