



FLINSLIM MPPT SOLAR INVERTER

High Efficiency | Pure Sine Wave | MPPT Solar Controller

- Pure sine wave hybrid inverter with 93% peak efficiency
- In-built MPPT solar charge controller
- Double surge power capacity
- Advanced battery charging algorithm to increase battery performance
- Compatible to mains voltage and generator power
- Connect up to four inverters in parallel (for 4kVA & 5kVA)
- Auto restart function and cold start functions
- Overload and short circuit protection
- Advanced monitoring software included

Comprehensive Display



FlinSlim MPPT 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



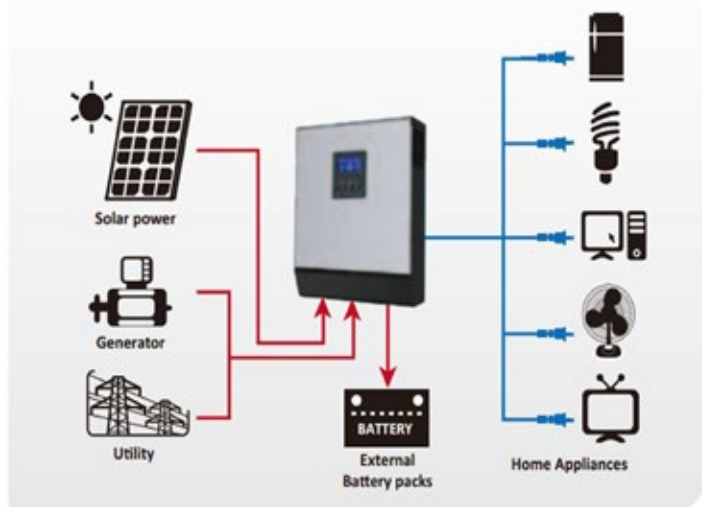
FlinSlim MPPT has been designed keeping aesthetics in view. Sleek design allows you to easily mount the inverter on the wall. Comprehensive manual makes the installation super easy!

Solar Enabled

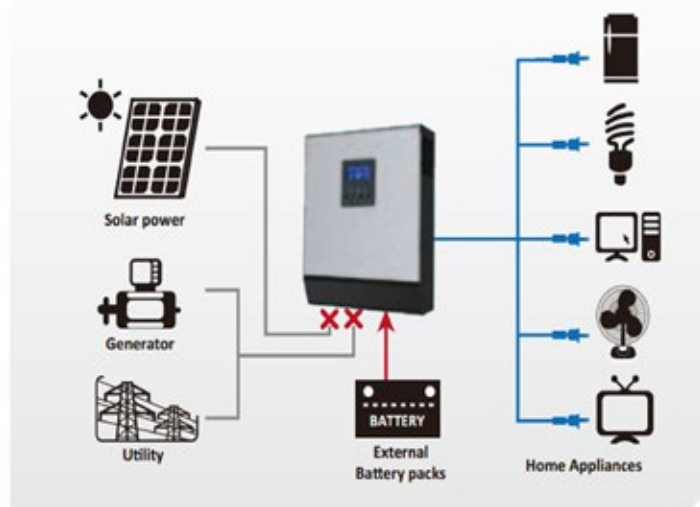
FlinSlim MPPT makes going solar easy! You can connect the solar panels directly to the inverter and the inbuilt MPPT solar charge controller will let you generate free power from solar energy! Intelligent system automatically gives priority to solar power over grid power.



1 As Hybrid Power system



2 As Power backup system



MODELS	5 kVA-48V
RATED POWER	5000VA / 5000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC \pm 5%
Surge Power	10000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY & AC CHARGER	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	60 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Circuit Voltage	145 VDC
MPPT Range @ Operating Voltage	60 ~ 115 VDC
Maximum Solar Charge Current	80 A
Maximum AC charge current	60 A
Maximum Efficiency	98%
Standby Power Consumption	2 W
Maximum PV Array Power	4000 W
PHYSICAL	
Dimension, D x W x H (mm)	120x295x468
Net Weight (kgs)	11
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C

*Product specifications are subject to change without further notice