

FLINSLIM MPPT SOLAR INVERTER

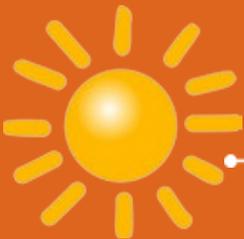
Up-to 54 kW of PV capacity | USB Connection | Built-in MPPT charge controllers



- Pure sine wave inverter with up-to 93% peak efficiency
- Built-in single, double or triple MPPT solar charge controllers
- Generates 25-30% more power than our FlinSlim PWM model
- Double surge power capacity
- Advanced monitoring software included
- Auto restart function and cold start functions
- Overload and short circuit protection
- Advanced battery charger for improved battery performance
- Connect up to nine 5kVA inverters in parallel and power up to 45kVA load

Powerful Solar Advantage

FlinSlim Dual and Trio series allow to connect much larger solar array capacity. The independent PV inputs now allow you to connect up to three solar arrays that may have different angles and helps in segregating shade affected solar array from shade free array of solar panels, thus maximizing power generation from solar energy.



Slim Design

FlinSlim series of inverters have 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.

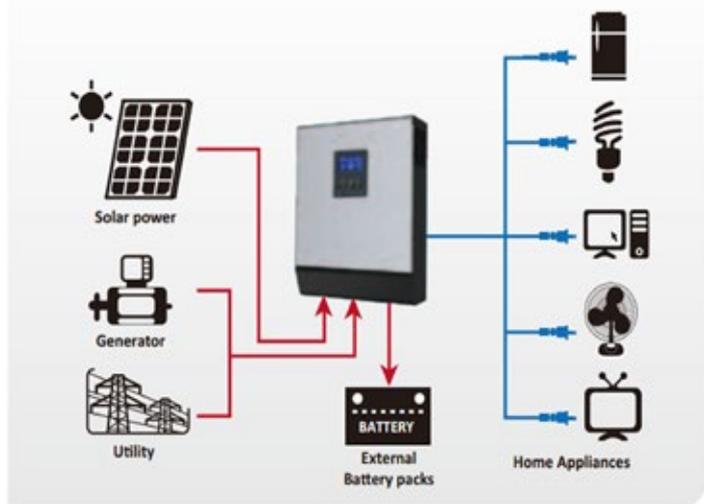


Customizable

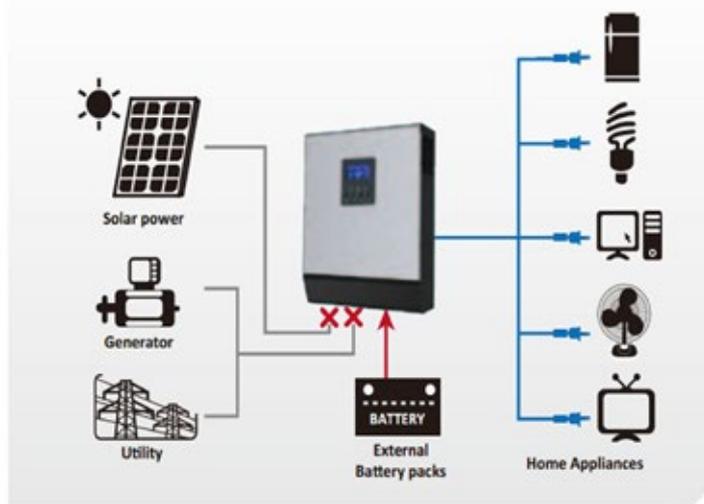
FlinSlim series of inverters are designed to offer great flexibility in user operation. Inbuilt LCD screen and menu buttons allow you to customize voltage range, charging priority and battery charging current. You can also view operating status and power information on the LCD screen.



1 As Hybrid Power system



2 As Power backup system



Specifications of FlinSlim MPPT Solar Pure Sine Wave Inverter

MODELS	3kVA-24V Plus
RATED POWER	3000VA / 3000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For UPS Mode); 90-280 VAC (For Appliances Mode)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC \pm 5%
Surge Power	6000 VA
Efficiency (Peak)	90% - 93%
Transfer Time	10 ms (For UPS Mode) ; 20 ms (For Appliances Mode)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Maximum Solar Charging Current	60A
Maximum AC Charge Current	
Maximum PV Array Power	1500W
Number of MPPT Trackers	1
Maximum PV Array Open Circuit Voltage	145VDC
MPPT Range @ Operating Voltage	30~115 VDC
MONITORING	
Communication Ports	RS232, USB
Monitoring Software	Included
PHYSICAL	
Dimension, D x W x H (mm)	100 x 300 x 440
Net Weight (kgs)	9.5
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	