



600W 2MPPT Three-Phase Microinverter

Microinverter is a device that converts direct current from a single solar module to alternating current. The microinverter converts DC power to AC power from individual solar modules. Each solar cell module is equipped with inverter and converter functions. Each component can independently convert current, hence the name "microinverter". equipment". The big difference between microinverters and string inverters is that

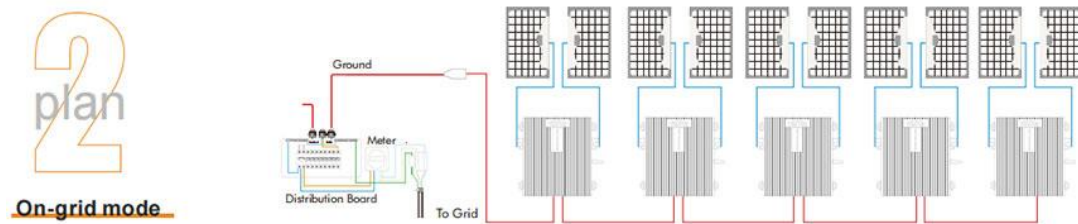
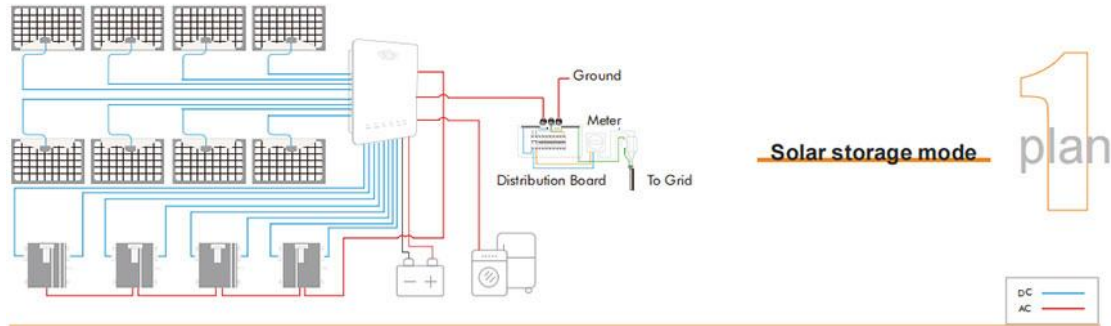
a solar panel installation with microinverters will typically have the same number of microinverters as there are solar panels. In addition, WoCor Poweray Tiger series 600W 2MPPT Three-Phase Microinverter's 2 independent MPPT input ensure the MAX output of each solar panel. Since the 25-year lifespan of microinverters is designed to be the same as the solar panel, customers do not need to worry about the hassle of replacing the inverter after a few years.

Product Description

The Tiger series 600W 2MPPT Three-Phase Microinverter is a compact unit, which directly converts direct current into alternating current for powering appliances and office equipments and connecting to utility grid. The AC output from Tiger series 600W 2MPPT Three-Phase Microinverter is synchronized and in phase with the utility grid. The Tiger series 600W 2MPPT Three-Phase Microinverter will make sure the solar panel gets with the highest power point tracking to reduce the occlusion effect caused by shadows and other obstacles and improve work efficiency.

The Tiger series 600W 2MPPT Three-Phase Microinverter with WiFi module, 600W 60V Solar Inverter 2MPPT charge controller and inverter. Pure sine wave output 600W-1200W and 2.7A-5.45A MPPT charge controller Combine Hybrid Inverter.

The Tiger series 600W 2MPPT Three-Phase Microinverter, Split Phase function Output 110/120V(use two or more, can output 220/230VAC) 60Hz/50Hz can be setting, can be used in parallel with two different modes.



Product information	
Model	Tiger-600W
PV Input Data	
Number of MPPT Trackers	2
Suggested Modules Range	200W-300W
Max. Input DC Voltage	60V
MPPT Operating Voltage Range	25-60V
Startup Voltage	20V
Overvoltage Class DC Port	II
DC Port Backfeed Current	0 A
Max. Input Current	2 × 15 A
PV Array Requirement	2x1 Ungrounded array; No Additional PV side protection required
AC Output Data	
Peak Output Power	1800W
Max. Continuous Output Power	600W
Max. Continuous Output Current	207A
Nominal output voltage	220/230Vac(187-278Vac)
Nominal Frequency/Range	50HZ/60HZ
Extended Frequency/Range	45~55Hz / 55~65Hz
AC Short Circuit Current	7.5A
Max. Units Per Branch Circuit	5

Overvoltage Class AC Port	III
Power Factor(Adjustable)	>0.99 Default, 0.8 Leading...0.8 Lagging...
Level of Harmonics Distortion	<3%
AC Protection Required	AC output side need 63A circuit breaker(on grid modle)
Efficiency	
CEC Weighted Efficiency	95%
Peak Inverter Efficiency	95.50%
Static MPPT Efficiency	99%
Night Time Power Consumption	<50mW
Mechanical Data	
Operating Ambient Temperature Range	-40 °C to +65 °C(-40 °F to +149 ° F)
Storage Ambinet Temperature	-40 °C to +85 °C(-40 °F to +185° F)
Relative Humidity Range	4% to 100% (condensing)
Connector type: DC	MC4
Dimensions(W*H*D)	218*245*42mm
Weight	3 KG
Cooling	Natural Convection-No Fans
Approved for Wet Locations	Yes
Enclosure Rating	IP67
AC Cable Length(Customizable)	Standard 2.5m(customized available)
Features	
Communication	WIFI
Monitoring	Support remote web page monitoring and mobile APP by WoCor Poweray Cloud
Compliance	Inmetro, UL1741, VDE4105, VDE0126, CE,EN50549...

Product Feature And Application of the 600W 2MPPT Three-Phase Microinverter

- *Solar panels output voltage <60VDC, decrease the risk of an electrical fire.
- *One panel match one MPPT, increase 5-15% power in production vs string inverters.
- *Keep each panel to work individually, avoid the impact of partial shadows on the entire solar system
- *Independently tracking each of solar panels production, easy to identify each solar panel performs.
- *Flexible application, could switch to off-grid mode to supply AC power to home devices.
- *Lightweight and compact with plug-and-play connectors, easy to in stall.
- *App monitor the running station anytime, anywhere.