



600W Three-Phase Microinverter

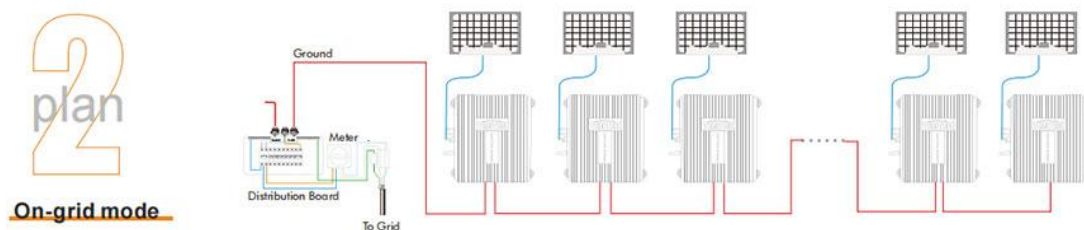
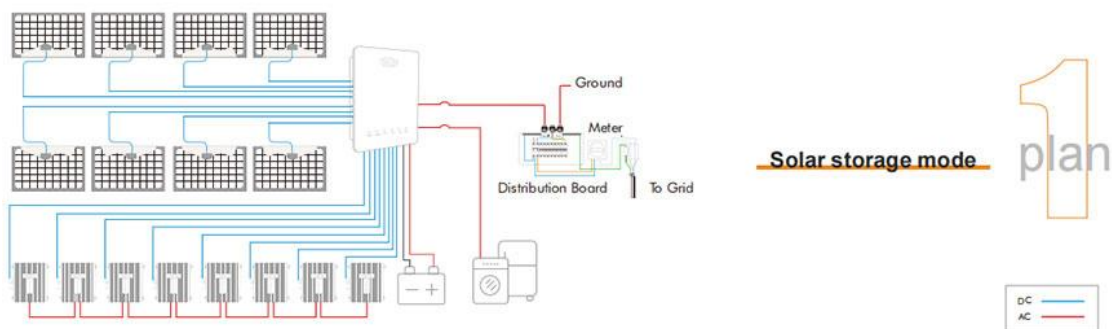
As the world shifts from fossil fuels to clean energy, we are pleased to see the deployment of solar systems accelerate around the world, and our WoCor Poweray Tiger series 600W Three-Phase Microinverter are also recognized by customers in various regions. Wocor is proud to be your reliable partner as we move together towards our goal of energy independence and a greener future. Our newest 600W Three-Phase Microinverter is the

industry's first on/off grid solar panel microinverters with split-phase power conversion capability to convert DC power to AC power efficiently.

Product Description

The WoCor Poweray Tiger series 600W Three-Phase Microinverter dramatically simplifies the installation process while achieving the highest system efficiency. The WoCor Poweray Tiger series 600W Three-Phase Microinverter is lightweight and easy to install, many inverters can be stacked arbitrarily to form a single-phase parallel stacking system.

Almost no maintenance work is required, clean the dust on the photovoltaic panel occasionally. Our Tiger series 600W Three-Phase Microinverter employs MPPT technology and digital control. It is designed to provide sufficient power to drive various household appliances.



Product information	
Model	Tiger-600W
PV Input Data	
Number of MPPT Trackers	1
Suggested Modules Range	500W-600W
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	1 × 15 A
PV Array Requirement	1x1 Ungrounded array; No Additional PV side protection required
AC Output Data	
Peak Output Power	1800W
Max. Continuous Output Power	600W
Max. Continuous Output Current	2.73A
Nominal output voltage	220/230Vac(187-278Vac)
Nominal Frequency/Range	50HZ/60HZ
Extended Frequency/Range	45~55Hz / 55~65Hz
AC Short Circuit Current	3.7A
Max. Units Per Branch Circuit	10
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)	195*177*42mm
Weight	1 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 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.