InfiniSolar: On-Grid Inverter with Energy Storage

Innovative and Cost-effective Power Solution



On-Grid Inverter with Energy Storage Self-consumption and Feed-in to the grid Programmable supply priority for PV, Battery or Grid User-adjustablebattery charging current suits different types of batteries

Programmable multiple operations modes: Grid tie, Off grid, and grid-tie with backup

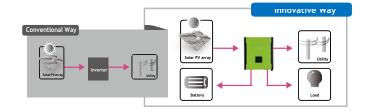
Built-in timer for various mode of on/off operation
Multiple communication for USB, RS-232, Modbus and SNMP
Monitoring software for real time status display and control

InfiniSolar is a flexible and intelligent hybrid inverter which utilizes solar power, AC utility, and battery power source to supply continuous power. It's a simple and smart solar power storage system for home users to either store energy into battery and wait for night time usage or use for self-consumption first depending on demands. Priority for power source can be programmed and set up through smart software. During night time or power failure, it will automatically extract power from battery. In this way, it will reduce the dependence on the utility.



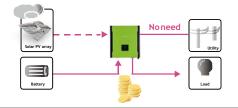
Feed-in is not only choice

In comparison with conventional grid-tie inverter, InfiniSolar is able to not only feed-in power to grid but also store solar power to battery for future usage and directly power to the loads.



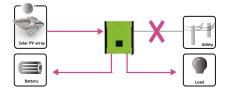
Save money by discharging battery for self-consumption first

InfiniSolar can save money by using battery energy first when PV energy is low. Until battery energy is low, InfiniSolar will extract AC power from the grid.



Power backup when AC failed

InfiniSolar can operate as an off-grid inverter to provide continuous power even without the grid. It's perfect power solution for remote regions or temporary AC power source such as camping or flea market.



VDE-AR-N 4105 VDE 0126-1-1

Inifinisolar 10KW Three Phase On-grid Inverter with Energy Storage Selection Guide

### ARTEO LUTTUP POWER	MODEL	InfiniSolar Three Phase 10KW
MARIEND CHIPT POWER 1900 W W W W W W W W W W		
MANUFUL CLASCAND FOWER 9800 W W W W W W W W W W		
PAIRWITE Maritum Pt Plage Parer 14850W 1		
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Start-up Violage Final Feeding Violage WP Violage Stange Fin Land MPP Violage Stange 390 VOC - 690 VOC 400 VOC - 690 VOC		
MPP Visings Range First Latest MPP Visings Range 38 VIDC - 480 VIDC / 480 VIDC - 480 VIDC 4		
Number of MPP Trackers / Maximum Input Current 27 a x 18.6A		
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European Efficiency® Vocaninal > 85%		
CFF-GRID OFER-ATION	Maximum Conversion Efficiency (DC/AC)	> 96%
AC Start-up Voltage/Auto Restart Voltage	European Efficiency@ Vnominal	> 95%
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Name	Acceptable Input Voltage Range	170 - 280 VAC per phase
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Humidity 0 ~ 90% RH (No condensing) Operating Temperature -10 to 55°C	Intelligent Slot	Optional SNMP, Modbus, and AS-400 cards available
Operating Temperature -10 to 55°C	ENVIRONMENT	
	Humidity	0 ~ 90% RH (No condensing)
Altitude 0 ~ 1000 m*	Operating Temperature	-10 to 55°C
	Altitude	0 ~ 1000 m*

^{*}Power derating 1% every 100 m when altitude is over 1000m Product specifications are subject to change without further notice.



