

SOL-I-IS-15M

Mecer Infinisolar 15kW 3 phase Pure Sine Wave Hybrid Inverter

Product Overview

Mecer Infinisolar 15kW 3 phase Pure Sine Wave Hybrid Inverter, 3-phase in / 3-phase out, 22500W Maximum PV Input power, 15000W rated Output power, 15000 W Maximum charging power, 48 VDC nominal DC voltage



Specifications

Overview:

InfiniSolar 10KW-15KW Hybrid inverter

InfiniSolar 10KW/15KW is a hybrid inverter which combines solar system, AC utility, and battery power source to supply continuous power. It is suitable for remote areas where the cost of utility is too high or emergency usage when utility is not stable.

Features:

- Pure sine wave output
- Self-consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- User-adjustable battery charging current suits different types of batteries
- Programmable multiple operation 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
- Parallel operation up to 6 units

Specifications:

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Specifications

Product Code	SOL-I-IS-15M
MODEL	InfiniSolar 3P 15KW

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Product Specification Sheet

PHASE	3-phase in/3-phase out
Maximum PV Input Power	22500W
Rated Output Power	15000W
Maximum Charging Power	15000 W
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage / Maximum DC Voltage	720 VDC / 900 VDC
Start-up Voltage / Initial Feeding Voltage	320 VDC / 350 VDC
MPPT Voltage Range	400 VDC~800 VDC
Number of MPP Trackers/Max. Input Current	2 / A: 37.65A, B: 18.6A
GRID OUTPUT (AC)	
Nominal Output Voltage	230 VAC (P-N)/400 VAC (P-P)
Output Voltage Range	184-265 VAC* per phase
Nominal Output Current	21.7A per phase
Power Factor	> 0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	96%
European Efficiency@Vnominal	95%
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140 VAC per phase / 180 VAC per phase
Acceptable Voltage Range	170-280 VAC per phase
Maximum AC Input Current	40A
PV INPUT (DC)	
Maximum DC Voltage	900 VDC
MPPT Voltage Range	350 VDC ~ 850 VDC
Number of MPP Trackers/Max. Input Current	2 / A: 37.65A, B: 18.6A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	230 VAC (P-N)/400 VAC (P-P)
Output Waveform	Pure Sine Wave
Efficiency (DC to AC)	91%
HYBRID OPERATION	
PV INPUT (DC)	

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Product Specification Sheet

Nominal DC Voltage / Maximum DC Voltage	720 VDC / 900 VDC
Start-up Voltage / Initial Feeding Voltage	320 VDC / 350 VDC
MPPT Voltage Range	350 VDC ~ 850 VDC
Number of MPP Trackers/Max. Input Current	2 / A: 37.65A, B: 18.6A
GRID OUTPUT (AC)	
Nominal Output Current	14.5A per phase
Nominal Output Voltage	230 VAC (P-N)/400 VAC (P-P)
Output Voltage Range	184-264.5 VAC per phase
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140 VAC per phase / 180 VAC per phase
Acceptable Voltage Range	170-280 VAC per phase
Maximum AC Input Current	40A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	230 VAC (P-N)/400 VAC(P-P)
Efficiency (DC to AC)	91%
BATTERY & CHARGER	
Nominal DC Voltage	48 VDC
Maximum Charging Current	Default 60A, 5A-300A (Adjustable)
GENERAL	
PHYSICAL	
Dimension, D X W X H (mm)	219 x 650 x 820
Net Weight (kgs)	62
INTERFACE	
Communication Port	RS-232, USB and Dry contact
Intelligent Slot	Optional SNMP, Modbus and AS-400 cards available
ENVIRONMENT	
Operating Humidity	0~90% RH (Non-condensing)
Operating Temperature	-10 to 55 degreesC
Altitude	0~1000 m

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SOL-I-IS-15M-Mecer-Infinisolar-15kW-3-phase-Pure-Sine-Buy-p-267420.php>

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