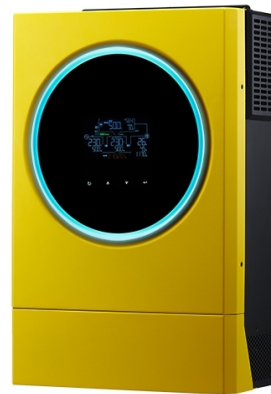


RCT-INFINISOLAR V4 5.6K-48V

RCT Infinisolar V4 5.6K 5600VA / 5600W Pure Sine Wave Grid Tied MPPT Inverter charger 48V

Product Overview

RCT Infinisolar V4 5.6K 5600VA / 5600W Pure Sine Wave Grid Tied MPPT Inverter charger 48V, Built-in Wi-Fi, Parallel operation with up to 9 units, 5600 W Maximum PV Input power, 280 VDC ~ 500 VDC MPPT voltage range, 1x MPPT trackers, Requires 48V DC battery



Specifications

Overview:

InfiniSolar V IV - Customizable status LED ring with RGB lights

InfiniSolar V IV is an upgraded version of the third generation of our InfiniSolar V. Equipped with a 4.3-inch color LCD, touchable button, and a customizable status LED ring with RGB lights. The high PV voltage range can be accepted, which will facilitate PV system installation. Besides, battery independency feature will keep inverter running no matter battery is connected or not. We also offer parallel operation function up to 9 units for 3.6KW, and 5.6KW. It offers high flexibility for future power expansion.

Features:

- Customizable status LED ring with RGB lights
- Touchable button with 4.3 colored LCD
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Self-consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- User-adjustable charging current and voltage
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Built-in Wi-Fi for mobile monitoring (Android/iOS App available)
- Reserved communication port for BMS
- Parallel operation up to 9 units

Specifications:

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Product Specification Sheet

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Specifications

Product Code	RCT-INFINISOLAR V4 5.6K-48V
MODEL	InfiniSolar V IV 5.6KW
Phase	6000 W
Maximum PV Input Power	5600 W
Rated Output Power	6000 W
Maximum Charging Power	5000 W

GRID-TIE OPERATION

PV INPUT (DC)	360 VDC / 450 VDC
Nominal DC Voltage / Maximum DC Voltage	120 VDC / 430 VDC
Start-up Voltage / Initial Feeding Voltage	110 VDC / 120 VDC
MPPT Voltage Range	280 VDC~500 VDC
Number of MPP Trackers/Max. Input Current	1/1x18A

GRID OUTPUT (AC)

Nominal Output Voltage	202/230/240 VAC
Output Voltage Range	24.3A
Nominal Output Current	15.6A
Power Factor	> 0.9

EFFICIENCY

Maximum Conversion Efficiency (DC/AC)	96%
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OFF-GRID OPERATION

AC INPUT

AC Start-up Voltage / Auto Restart Voltage	120-140 VAC / 180 VAC
Acceptable Voltage Range	90-280 VAC or 170-280 VAC
Maximum AC Input Current	40 A
PV INPUT (DC)	450 A
Maximum DC Voltage	500 A
MPPT Voltage Range	120 VDC~430 VDC
Number of MPP Trackers/Max. Input Current	1/1x18A

BATTERY MODE OUTPUT (AC)

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Product Specification Sheet

Nominal Output Voltage	202/230/240 VAC
Output Waveform	Pure Sine Wave
Efficiency (DC to AC)	0.93
HYBRID OPERATION	
PV INPUT (DC)	360 VDC / 450 VDC
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500 VDC
Start-up Voltage / Initial Feeding Voltage	110 VDC / 120 VDC
MPPT Voltage Range	120 VDC~430 VDC
Number of MPP Trackers/Max. Input Current	1/1x18A
GRID OUTPUT (AC)	24.3A
Nominal Output Current	15.6A
Nominal Output Voltage	202/230/240 VAC
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC (Selectable)
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140 VAC / 180 VAC
Acceptable Voltage Range	90-280 VAC or 170-280 VAC
Maximum AC Input Current	40A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	202/230/240 VAC
Efficiency (DC to AC)	0.93
BATTERY & CHARGER	
Nominal DC Voltage	48 VDC
Maximum Charging Current	100 A
Maximum Solar Charging Current	100 A
Maximum AC Charging Current	100 A
GENERAL	
PHYSICAL	
Dimension, D X W X H (mm)	12
Net Weight (kgs)	11
INTERFACE	
Communication Port	USB/RS232/RS485/WiFi/Dry contact
Parallel Function	Yes, 9 units
ENVIRONMENT	
Operating Humidity	0~90% RH (Non-condensing)

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Product Specification Sheet

Operating Temperature	-10~50 degreesC
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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/RCT-INFINISOLAR-V4-5-6K-48V-RCT-Infinisolar-V4-5-6K-5600VA-5600W-Pure-Sine-Wave-Grid-p-257807.php>

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