

# InfiniSolar V II

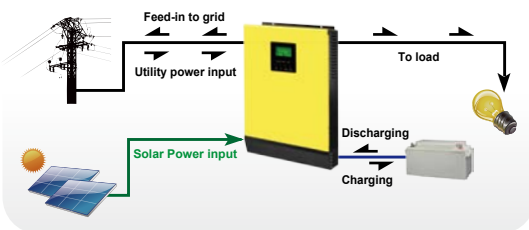
## Operation without battery



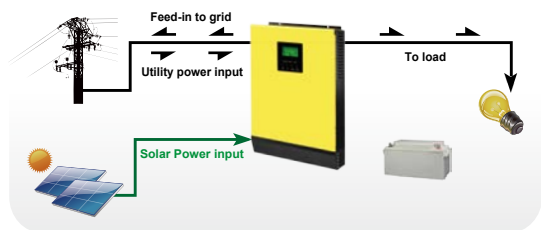
- Pure sine wave output
- High PV voltage range
- Product keeps running even only with one power source no matter it's solar energy, battery or utility
- Self-consumption and feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- User-adjustable charging current and voltage
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Parallel operation up to 9 units only for 2KW/3KW model

### Hybrid operation

• With battery connected



• Without battery connected



## InfiniSolar V II On-Grid Inverter With Energy Storage Selection Guide

MODEL	InfiniSolar V II 1.5KW	InfiniSolar V II 2KW	InfiniSolar V II 3KW
Max. PV Array Power	2000W	3000W	4000W
Rated Output Power	1500W	2000W	3000W
Maximum PV Array Open Circuit Voltage	400 VDC	450 VDC	450 VDC
MPPT Range @ Operating Voltage	120 VDC ~ 380 VDC	90 VDC ~ 430 VDC	120 VDC ~ 430 VDC
MPP Tracker Number	1	1	1
<b>GRID-TIE OPERATION</b>			
<b>GRID OUTPUT (AC)</b>			
Nominal Output Voltage	220/230/240 VAC		
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)		
Nominal Output Current	6.5A	8.7A	13A
Power Factor	> 0.99		
<b>EFFICIENCY</b>			
Maximum Conversion Efficiency (DC/AC)	95%	95%	95%
<b>OFF-GRID, HYBRID OPERATION</b>			
<b>GRID INPUT</b>			
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
Maximum AC Input Current	30A	30A	40A
<b>BATTERY MODE OUTPUT (AC)</b>			
Nominal Output Voltage	220/230/240 VAC		
Output Waveform	Pure sine wave		
Efficiency (DC to AC)	93%		
<b>BATTERY &amp; CHARGER</b>			
Nominal DC Voltage	48 VDC		
Maximum Solar Charge Current	30 A	60 A	60 A
Maximum AC Charge Current	40 A	60 A	60 A
Maximum Charge Current	40 A	60 A	60 A
<b>GENERAL</b>			
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	100 x 300 x 440	120 x 295 x 468	120 x 295 x 468
Net Weight (kgs)	8	11	11
<b>INTERFACE</b>			
Parallel Function	N/A	Yes, 9 units	Yes, 9 units
Communication Ports	USB, RS-232 and dry contact		
<b>ENVIRONMENT</b>			
Humidity	0 ~ 90% RH (Non-condensing)		
Operating Temperature	0 to 50°C		

Product specifications are subject to change without further notice.