

INFINISOLAR V-LV 2.4KW Especificación

- Inversor Onda Pura
- Autoconsumo e inyección a la red
- Prioridad de Fuente de Energía desde Paneles Solares, Batería o Red
- Corriente de carga y Voltaje programables
- Múltiples modos de operation Programables: Grid-tie, off-grid y grid-tie con backup
- Software de Monitoreo real, tiempo, status en Display y control
- Operación en Paralelo hasta 9 unidades



MODEL	InfiniSolar V 2.4KW-LV
Max. PV Array Power	2400W
Maximum PV Array Open Circuit Voltage	145 VDC
MPPT Range @ Operating Voltage	30 VDC ~ 115 VDC
Number of MPP Tracker	1
GRID-TIE OPERATION	
GRID OUTPUT (AC)	
Nominal Output Voltage	101/110/120 VAC
Rated Output Power	2400W
Output Voltage Range	89~111 VAC @ 101 VAC output 97~121 VAC @ 110 VAC output 106~132 VAC @ 120 VAC output
Output Frequency Range	47.5~51.5Hz @ 50Hz 57.5~61.5Hz @ 60Hz
Nominal Output Current	29.7A @ 101Vac 27.2A @ 110Vac 25.0A @ 120Vac
Power Factor	>0.99
Maximum Conversion Efficiency (DC/AC)	85%
OFF-GRID, HYBRID OPERATION	
GRID INPUT	
AC Start-up Voltage / Auto Restart Voltage	60 - 70 VAC / 90 VAC
Acceptable Input Voltage Range	65-140 VAC or 85-140 VAC
Maximum AC Input Current	40A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	101/110/120 VAC
Rated Output Power	2400W / 3000VA
Output Waveform	Pure Sine Wave
Efficiency (DC to AC)	90%
BATTERY & CHARGER	
Nominal DC Voltage	24 VDC
Maximum Charging Current (from Grid)	60A
Maximum Charging Current (from PV)	80A

Maximum Charging Current	140A
GENERAL	
PHYSICAL	
Dimension, D X W X H (mm)	120 x 295 x 468
Net Weight (kgs)	11
Parallel-able	Yes. Single phase, Split phase, Three phase
External Safety Box (Optional)	Yes
Communication	USB or RS-232/Dry contact
ENVIRONMENT	
Humidity	0 ~ 90% RH (No condensing)
Operating Temperature	0 to 50°C