

Infini V4 WP Fit



- IP66 certified enclosure
- Features compact design with reduced size by 50%
- 4.3" touch screen HMI LCD design for easy configuration
- Built-in 2 MPP trackers
- Maximum PV input current increases to 21A
- Dual output for smart load control
- Two independent AC power sources connected and switched automatically
- Programmable supply priority for PV, Battery or Grid
- Built-in communication port for BMS (RS485/CAN), Wi-Fi
- Supports CT for self-consumption application
- 1-Phase or 3-Phase parallel operation up to 9 units
- Support storing energy from diesel generator
- Support battery energy export to the grid and AC peak shaving

Infini V4 WP Fit Hybrid Inverter Specification

MODEL	Infini V4 WP Fit 6.6KW
PHASE	1-phase in / 1-phase out
MAXIMUM PV INPUT POWER	12000W
RATED OUTPUT POWER	6600VA/6600W
MAXIMUM CHARGING POWER	6600W
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC or 182 - 260 VAC (Selectable)
Nominal Output Current	28.7A
Power Factor	> 0.99
Maximum Conversion Efficiency (DC/AC)	> 97%
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	60 - 80 VAC / 180 VAC
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
Maximum AC Input Current	40 A
PV INPUT (DC)	
Maximum DC Voltage	500 VDC
MPP Voltage Range	120 VDC ~ 450 VDC
Number of MPP Trackers / Maximum Input Current	2 / 21A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	93%
BATTERY & CHARGER	
Battery Type	Lead-acid or Lithium-ion
Battery Voltage Range (V)	40-60VDC
Nominal DC Voltage	48 VDC
Maximum Solar Charging Current	135A
Maximum AC Charging Current	135A
Maximum Charging Current	135A
PHYSICAL	
Dimension, D x W x H (mm)	170 x 325 x 435 mm
Net Weight (kgs)	16
INTERFACE	
Parallel Function	Yes, 9 units
Communication Port	RS-232/RS485, WIFI, BMS
ENVIRONMENT	
Humidity	0 ~ 100% RH (No condensing)
Operating Temperature	-10°C to 50°C
PROTECTION & CERTIFICATE	
Safety/EMC Standard	IEC/EN 62109-1, IEC/EN 62109-2, IEC/EN 61000-6-2/4, IEC 61683, IEC62116, IEC61727

Product specifications are subject to change without further notice.