



- IP66 certified enclosure
- Built-in 2 MPP trackers
- Maximum PV input current increases to 21A/27A
- 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)
- User-adjustable charging current and voltage
- Parallel operation up to 9 units
- Support storing energy from diesel generator



## Infini V4 WP Elite Hybrid Inverter Selection Guide

MODEL	Infini V 4 WP 6.6KW Elite	Infini V 4 WP 10.6KW Elite
PHASE	1-phase in / 1-phase out	
MAXIMUM PV INPUT POWER	12000W	18000W
RATED OUTPUT POWER	6600VA/6600W	10600VA/10600W
MAXIMUM CHARGING POWER	6600W	10600W
<b>GRID OUTPUT (AC)</b>		
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	28.7A
Power Factor		
Maximum Conversion Efficiency (DC/AC)	95%	96%
<b>OFF-GRID OPERATION</b>		
<b>AC INPUT</b>		
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	60 A
<b>PV INPUT (DC)</b>		
Maximum DC Voltage	500 VDC	
MPP Voltage Range	120 VDC ~ 450 VDC	
Number of MPP Trackers / Maximum Input Current	2 / 21A	2 / 27A
<b>BATTERY MODE OUTPUT (AC)</b>		
Nominal Output Voltage	220/230/240 VAC	
Output Waveform	Pure sine wave	
Efficiency (DC to AC)	90% - 93%	
<b>AC INPUT</b>		
AC Start-up Voltage / Auto Restart Voltage	60 - 80 VAC / 180 VAC	
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC	
Maximum AC Input Current	40A	60A
<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>		
Battery Type	Lead-acid or Lithium-ion	
Battery Voltage Range (V)	40-60VDC	
Nominal DC Voltage	48 VDC	
Maximum Solar Charging Current	135A	210A
Maximum AC Charging Current	135A	210A
Maximum Charging Current	135A	210A
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	192 x 418 x 633	
Net Weight (kgs)	29	33
<b>INTERFACE</b>		
Parallel Function	Yes, 9 units	
Communication Port	RS-232/RS485, WIFI	
<b>ENVIRONMENT</b>		
Humidity	0 ~ 100% RH (No condensing)	
Operating Temperature	-10°C to 50°C	
<b>PROTECTION &amp; CERTIFICATE</b>		
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.