INFINIX HYBRID RECON (VOLTRONIC)

MAX II TWIN 11KW/11000 PV



Dual Output
For Smart Load Management

Wide Input
Voltage Range 90-450 VDC

Maximum
PV Input Current 27A

Parallel
Operation With 6 Units

Support
External BTS Detection

Built-in WiFi
For Mobile Monitoring

INFINIX HYBRID RECON SELECTION GUIDE

MODEL	INFINIX RECON MAX II TWIN 8 KW	INFINIX RECON MAX II TWIN 11 KW
Rated Power	8000 VA / 8000 W	11000 VA / 11000 W
Parallel Capability	YES, 6 Units	YES, 6 Units
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz / 60 Hz (Auto Sensing)	
OUTPUT		
Ac Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	16000 VA	22000 VA
Efficiency (Peak)	93%	
Transfer Time	10 Ms (For Personal Computers) ; 10 Ms (For Home Appliances)	
Waveform	Pure Sine Wave	
DC Voltage	12 VDC ± 5% 100W	
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	63 VDC	
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum Pv Array Power	10000 W (5500 W x 2)	11000 W (5500 W x 2)
Mppt Range @ Operating Voltage	90~450 VDC	90~450 VDC
Maximum Pv Array Open Circuit Voltage	500 VDC	500 VDC
Maximum Pv Input Current	27 A x 2 (Max 40 A)	27 A x 2 (Max 40 A)
Maximum Solar Charge Current	150 A	150 A
Maximum Ac Charge Current	120 A	150 A
Maximum Charge Current	150 A	150 A
PHYSICAL		
Dimension, D x W x H (mm)	145 x 538 x 553.6	158.4 x 503.6 x 530.8
Net Weight (Kgs)	18.4	20
Communication Interface	USB / RS 232 / RS 485 /WiFi /Dry-Contact	
External Current Sensor Port	Yes, built-in current transformer sensor	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-Condensing)	
Operating Temperature	-10° C to 50° C	
Storage Temperature	-15° C to 60° C	
STANDARD		
Compliance Safety	CE	

*Product specifications are subject to change without further notice.