

INVERTER OMEGA

1500VA – 3000VA
 Off Grid VN II Series Inverter


1PH 1PH
230 VAC
POWER FACTOR 1.0


SPECIFICATION

MODEL	OMEGA VN II 1500		OMEGA VN II 3000	
PART NUMBER	TLINVOMVN15		TLINVOMVN30	
RATED POWER	1500VA/1500W		3000VA/3000W	
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)	230VAC ± 5%			
SURGE POWER	3000VA		6000VA	
EFFICIENCY (PEAK) BAT TO INV	94%			
EFFICIENCY (PEAK) PV TO INV	97%			
TRANSFER TIME	10 MS (FOR PERSONAL COMPUTERS) 20 MS (FOR HOME APPLIANCES)			
WAVEFORM	PURE SINE WAVE			
SOLAR CHARGER & AC CHARGER				
MAXIMUM PV ARRAY OPEN CIRCUIT VOLTAGE	450 VDC			
MAXIMUM PV ARRAY POWER	2000W		3000W	
MPP RANGE @ OPERATING VOLTAGE	120 ~ 450 VDC			
MAXMUM SOLAR CHARGE CURRENT	80A			
MAXIMUM AC CHARGE CURRENT	60A			
MAXIMUM CHARGE CURRENT	80A			
MAXIMUM EFFICIENCY	98%			

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BATTERY		
BATTERY VOLTAGE	12 VDC	24 VDC
FLOATING CHARGE VOLTAGE	13.5 VDC	27 VDC
OVERCHARGE PROTECTION	16 VDC	33 VDC
PHYSICAL		
DIMENSION W X D×H (MM)	348 X 270 X 95	
NET WEIGHT (KG)	4.5	5
NET WEIGHT (KG)	RS232/WIFI OPTIONAL	
OPERATING ENVIRONMENT		
HUMIDITY	5% TO 95% RELATIVE HUMIDITY (NON-CONDENSING)	
OPERATING TEMPERATURE	0°C TO 55°C	
STORAGE TEMPERATURE	-15°C TO 60°C	