

OMEGA PMS



OMEGA PMS 1K/2K/3K OMEGA PMS 4K/5K

MODEL	OMEGA PMS 1K-24	OMEGA PMS 1K-48	OMEGA PMS 2K-24	OMEGA PMS 3K-24	OMEGA PMS 3K-48	OMEGA PMS 4K	OMEGA PMS 5K
Rated Power	1000VA/800W	1000VA/1000W	2000VA/1600W	3000VA/2400W	3000VA/2400W	4000VA/3200W	5000VA/4000W
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	2000VA		4000VA		6000VA	8000VA	10000VA
Efficiency (Peak)	90%			93%			
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)						
Waveform	Pure sine wave						
BATTERY & AC CHARGER							
Battery Voltage	24 VDC	48 VDC	24 VDC	24 VDC	48 VDC		48 VDC
Floating Charge Voltage	27 VDC	54 VDC	27 VDC	27 VDC	54 VDC		54 VDC
Overcharge Protection	31 VDC	62 VDC	31 VDC	31 VDC	62 VDC		60 VDC
Maximum Charge Current	10 A or 20 A	10 A or 15 A	20 A or 30 A	20 A or 30 A	10 A or 15 A		20 A or 30 A
SOLAR CHARGER							
Maximum PV Array Power	600 W	900 W	600 W	600 W	900 W		3000 W
MPPT Range @ Operating Voltage	30VDC ~ 66VDC	60VDC ~ 88VDC	30VDC ~ 66VDC	30VDC ~ 66VDC	60VDC ~ 88VDC		60VDC ~115VDC
Maximum PV Array Open Circuit Voltage	75 VDC	102 VDC	75 VDC	75 VDC	102 VDC		145 VDC
Maximum Charging Current	25A	18A	25A	25A	18A		60A
Maximum Efficiency	98%						
Standby Power Consumption	2 W						
PHYSICAL							
Dimension, D x W x H (mm)	128 x 272 x 355					140 x 295 x 540	
Net Weight (kgs)	7.4		7.6		8.0	12.5	13.5
OPERATING ENVIRONMENT							
Humidity	5% to 95% Relative Humidity(Non-condensing)						
Operating Temperature	0°C - 55°C						
Storage Temperature	-15°C - 60°C						

Product specifications are subject to change without further notice

Características

- Pure sine wave inverter
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers

