

Especificaciones / Specifications / Spécifications

| MODEL | Omega PMS 1K-24 | Omega PMS 1K-48 | Omega PMS 2K-24 | Omega PMS 3K-24 | Omega PMS 3K-48 | Omega PMS 4K-48 | Omega PMS 5K-48 | Omega PMS 5K-48TOP | |
|---------------------------------------|--|-----------------|-----------------|---|---|-----------------|-----------------|--------------------|--|
| Rated Power | 1000VA/1000W | | 2000VA/2000W | 3000VA/3000W | | 4000VA/3200W | 5000VA/5000W | | |
| INPUT | | | | | | | | | |
| Voltage | 230VAC | | | | | | | | |
| Selectable Voltage Range | 170 - 280VAC (For Personal Computers); 90 - 280VAC (For Home Appliances) | | | | | | | | |
| Frequency Range | 50/60Hz (Auto sensing) | | | | | | | | |
| OUTPUT | | | | | | | | | |
| AC Voltage Regulation (Batt. Mode) | 230VAC \pm 5% | | | | | | | | |
| Surge Power | 2000VA | 4000VA | 6000VA | | 8000VA | 10000VA | | | |
| Efficiency (Peak) | 90 - 93% | | 93% | | | | 90% | | |
| Transfer Time | 10ms (For Personal Computers); 20ms (For Home Appliances) | | | | | | | | |
| Waveform | Pure sine wave | | | | | | | | |
| BATTERY | | | | | | | | | |
| Battery Voltage | 24VDC | 48VDC | 24VDC | | 48VDC | | | | |
| Floating Charge Voltage | 27VDC | 54VDC | 27VDC | 54VDC, Max: 58VDC (optional 64VDC, please check with sales) | | | 54VDC | | |
| Overcharge Protection | 31VDC | 62VDC | 31VDC | 62VDC | 60VDC (optional 66VDC, please check with sales) | 66VDC | | | |
| SOLAR CHARGER & AC CHARGER | | | | | | | | | |
| Maximum PV Array Power | 600W | 900W | 600W | 900W | 4000W | | 6000W | | |
| MPPT Range @ Operating Voltage | 30 ~ 66VDC | 60 ~ 88VDC | 30 ~ 66VDC | 60 ~ 88VDC | 60 ~ 115VDC | | 120 ~ 430VDC | | |
| Maximum PV Array Open Circuit Voltage | 75VDC | 102VDC | 75VDC | 102VDC | 145VDC | | 450VDC | | |
| Maximum Solar Charge Current | 25A | 18A | 25A | 18A | 80A | | | | |
| Maximum AC Charge Current | 20A | 15A | 30A | 15A | 60A | | 80 A | | |
| Maximum Charge Current | 45A | 33A | 55A | 33A | 140A | | 80 A | | |
| PHYSICAL | | | | | | | | | |
| Dimension, D x W x H (mm) | 100 x 272 x 355 | | | | | 120 x 295 x 468 | | | |
| Net Weight (kg) | 6.8 | | 7.0 | 7.4 | | 12.5 | 13.5 | 11.0 | |
| OPERATING ENVIRONMENT | | | | | | | | | |
| Humidity | 5% to 95% Relative Humidity (Non-condensing) | | | | | | | | |
| Operating Temperature | 0°C - 55°C | | | | | | -10°C - 55°C | | |
| Storage Temperature | -15°C - 60°C | | | | | | | | |

* El tiempo típico de transferencia para el funcionamiento en paralelo es de 30ms. / * Typical transfer time for parallel operation is 30ms. / * Temps de transfert typique pour une exploitation parallèle est de 30ms.

Las características técnicas del producto están sujetas a cambios sin previo aviso. / Product specifications are subject to change without further notice. / Les caractéristiques techniques du produit sont susceptibles d'être modifiées sans préavis.