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Model: HX-1000 Integrated Solar Power Inverter Technical Specification

Built-in MPPT Solar controller

Rated Power	2KVA/1600W	3KVA/2400W	4KVA/3200W	4KVA/3200W	5KVA/4000W	5KVA/4000W
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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					

OUTPUT						
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%					
Surge Power	4000VA	6000VA	8000VA	8000VA	10000VA	10000VA
Efficiency (Peak)	93%					
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)					
Waveform	Pure sine wave					

BATTERY						
Battery Voltage	24 VDC		48 VDC			
Floating Charge Voltage	27 VDC		54 VDC			
Overcharge Protection	31 VDC		62 VDC			

SOLAR CHARGER & AC CHARGER						
Maximum PV Array Power	1500W		3000W	4000W	3000W	4000W
MPPT Range @ Operating Voltage	30 ~ 115VDC		60 ~ 115VDC			
Maximum PV Array Open Circuit Voltage	145VDC		145VDC			
Maximum Solar Charge Current	60A		60A	80A	60A	80A
Maximum AC Charge Current	20/30A	30A	60A	60A	60A	60A
Maximum Charge Current	60A		120A	140A	120A	140A
Maximum Efficiency	98%					
Standby Power Consumption	2W					

PHYSICAL						
Dimension, D x W x H (mm)	100 x 272 x 355					
Net Weight (kgs)	7		7.4			

OPERATING ENVIRONMENT						
Humidity	5% to 95% Relative Humidity(Non-condensing)					
Operating Temperature	0°C to 55°C					
Storage Temperature	-15°C to 60°C					

STANDARD: safety:IEC60950-1-1/IEC62040-1-1/ AS 62040-1-1,EMC;IEC62040-2 / AS62040-2/EN50091-2 CLASS,Design and test:IEC62040-3 / AS 62040-3

Note:Product specifications are subject to change without further notice.

INDUSTRY