

MS PRO-1800



PRODUCT DATA SHEET

1.8kW Hybrid Inverter

MS PRO-1800

Parameter	Value
Model	MS PRO-1800
Rated Power	2200VA/1800W
Voltage	230VAC
Selectable Voltage Range	170-280VAC (for personal computers), 90-280VAC (for home appliances)
Frequency Range	50Hz/60Hz (Auto sensing)
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	4400VA 10ms (for personal computers), 20ms (for home appliances)
Transfer Time	
Waveform	Pure Sine Wave
Battery Voltage	12VDC
Floating Charge Voltage	13.5VDC
Overcharge Protection	15.5VDC
Maximum Charge Current	60A
MAX. PV Array Power	2000W
Range @ Operating Voltage	55-450VDC
Maximum PV Array Open Circuit Voltage	450VDC
Maximum Charging Current	80A
Maximum Efficiency	98%
Carton Dimensions (D*W*H)	462*356*168 mm
Communication Interface	RS232 (Standard), WIFI (Optional)
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 55°C
Storage Temperature	-15°C to 60°C