

# ER-12V1000W-SCI

<b>MODEL</b>	ER-12V1000W-SCI
<b>EAN code</b>	8719033872059
<b>Rated power</b>	1000VA/1000W
<b>INPUT</b>	
<b>Voltage</b>	230VAC
<b>Selectable Voltage Range</b>	170-280 VAC (For personal computers) 90-280 VAC (For home appliances)
<b>Frequency range</b>	50Hz/60Hz (Auto sensing)
<b>OUTPUT</b>	
<b>AC Voltage regulation (Batt. Mode)</b>	230VAC $\pm$ 5%
<b>Surge power</b>	2000VA
<b>Efficiency (peak)</b>	90% - 93%
<b>Transfer time</b>	10 ms (For personal computers); 20 ms (For home appliances)
<b>Waveform</b>	Pure sine wave
<b>BATTERY</b>	
<b>Battery voltage</b>	12VDC
<b>Floating charge voltage</b>	13,5VDC
<b>Overcharge protection</b>	16VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
<b>Solar charge type</b>	MPPT
<b>Maximum PV array open circuit voltage</b>	102VDC
<b>Maximum PV array power</b>	500W
<b>MPP Range @ operating voltage</b>	17-80VDC
<b>Maximum solar charge current</b>	40A
<b>Maximum AC charge current</b>	20A
<b>Maximum charge current</b>	60A
<b>PHYSICAL</b>	
<b>Size without package</b>	88*225*320mm
<b>Size with package</b>	400*333*210mm
<b>Weight without package</b>	4,4 Kg
<b>Weight with package</b>	6 Kg
<b>OPERATING ENVIRONMENT</b>	
<b>Humidity</b>	5% a 95% Relative humidity (non-condensing)
<b>Operating temperature</b>	-10 °C a 50 °C
<b>Storage temperature</b>	-15 °C a 50 °C

