

SPECIFICATION				
MODEL	PI-1000	NAME	Power Inverter	PHOTO 
PART NO.	LC-5385	SPEC.	12VDC to 230VAC(1000W)	
The Inverter is an electronic device which converts 12 Volt DC voltage from a battery or other source to 230 Volts household AC power.				
I	INPUT PROPERTY			
	1	DC input voltage rating	12.0V DC	
	2	DC input voltage range	11.0 to 15.0 V DC	
	3	Low battery alarm	10.5V DC	±0.5V DC
	4	Low battery shutdown	10.0V DC	±0.5V DC
	5	No load current draw	<0.5A DC	Input:13.2V DC
	6	High battery voltage shutdown	>15.0V DC	
	7	Fuse (internal)	40A×3(MAX)	Replaceable
	8	Input reverse protection	Yes	Blow Fuse
	OUTPUT PROPERTY			
	1	Output voltage range	230V AC (RMS)	± 10%
	2	Output frequency	50Hz	± 3Hz
	3	Output wave form	Modified sine wave	
	4	Continuous output power	1000W	>1H&25°C
5	Overload output power	1000W	100%~130%	
6	Surge capacity (Peak power)	2000W		
II	GENERAL CHARACTERISTICS			
	1	Efficiency (except power loss on the wire)	>82%	Full load
	2	Over load protection	Yes	
	3	Short circuit protection	Yes	
	4	Over temperature shutdown	<65°C	
	5	Operating temperature range	-5-40°C	
	6	Storage temperature range	-20-50°C	
	7	Operating relative humidity	10%-90%	
8	Storage relative humidity	5%-95%		
III	MECHANICAL CHARACTERISTICS			
	1	Dimension	237×125×70mm	
	2	Net weight	1.25Kg	
	3	Outlet	CP2,AP3,BP,GP	
	4	Connector	Dc cable clips	
	5	Cool mode	By fan	