

PI Series High Frequency Inverter 1KW~3KW



Feature:

- Pure sine wave Inverter
- High efficiency
- Low self-consumption
- Mainly use for solar system / car systems
- Mounting brackets for convenient installation
- Heavy duty stud-connection mounting
- Overload and over temperature shut down
- Low voltage and over voltage alarm

Specification

MODEL		PI-1000	PI-1500	PI-2000	PI-3000
INPUT PROPERTY	DC input voltage rating	12/24VDC			
	DC input voltage range	11 to 15VDC for 12V; 22 to 30 for 24V			
	Low battery alarm	10.5VDC±0.5VDC for 12V; 21VDC±0.5VDC for 24V			
	Low battery shutdown	10VDC±0.5VDC for 12V; 20VDC±0.5VDC for 24V			
	No load current draw	<1A (Input 13.2VDC)			
	High battery voltage shutdown	>15VDC for 12V; >30VDC for 24V			
	Fuse(internal)	30Ax4	30Ax6	25Ax12	25Ax16
	Input reverse protection	Yes(Blow fuse)			
OUTPUT PROPERTY	Output voltage range	120VAC/230VAC(RMS)(10%)			
	Output frequency	50/60Hz±3Hz			
	Output wave form	Pure Sine Wave			
	Max output power	1000W	1500W	2000W	3000W
	Overload protection power	100%~125%			
	Surge capacity (Peak power)	2000W	3000W	4000W	6000W
	Pure Sine Wave Output	THD<3%			
GENERAL CHARACTERISTICS	Digital display	Indicates DC battery voltage±0.2V Output power±10%			
	Efficiency(except power loss on the wire)	>85%(Full load)			
	Over load protection	Yes			
	Short circuit protection	Yes			
	Over temperature shutdown	<65			
	Operating temperature range	-5-40			
	Storage temperature range	-20-50			
	Operating relative humidity	10%-90%			
	Storage relative humidity	5%-95%			
MECHANICAL CHARACTERISTICS	Dimension	272x220x78	310x220x82.7	343x260x92	381.5x260x92
	Net weight	2.5kg	3.5kg	5.2kg	6.15kg
	Carton measurement(cm)	53.2x36.5x27.5	53.5x44x29	63.5x47x33	63.5x51x35
	Container 20GP(pcs)	1344	1248	672	560
	Container 40GP(pcs)	2688	2688	1344	1120
	Outlet	IEC/NEMA/SCHUKO/UNIVERSAL			
	Connector	DC cable			
	Cool mode	By fan			

* Product specifications are subject to change without further notice.

Optional AC Output Socket



Type 1



Type 2



Type 3



Type 4



Type 5



Type 6