



PI Series High Frequency Inverter 1KW~3KW

Feature:

- Pure sine wave Inverter
- High efficiency
- Low self-consumption
- Mainly use for solar system / car systems



PC Series High Frequency Inverter 100W~6KW

Feature:

- Modified sine wave Inverter
- High efficiency
- Low self-consumption
- Mainly use for solar system / car systems

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
	Outlet	IEC/NEMA/SCHUKO/UNIVERSAL			
	Connector	DC cable			
	Cool mode	By fan			

* Product specifications are subject to change without further notice.

Specification

MODEL		100w	200w	300w	500w	800w	1000w	1500w	2000w	3000w	5000w	6000w
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	<0.8A (Input 13.2VDC)										
	High battery voltage shutdown	>15VDC for 12V; >30VDC for 24V										
	Fuse(internal)	30A	30A	30A	30Ax2	30Ax3	30Ax4	30Ax8	25Ax12	25Ax18	25Ax30	25Ax30
	Input reverse protection	Yes(Blow fuse)										
OUTPUT PROPERTY	Output voltage range	120VAC/230VAC(RMS)(10%)										
	Output frequency	50/60Hz±3Hz										
	Output wave form	Modified sine wave										
	Max output power	100w	200w	300w	500w	800w	1000w	1500w	2000w	3000w	5000w	6000w
	Overload protection power	100%~120%										
	Surge capacity (Peak power)	200w	400w	600w	1000w	1600w	2000w	3000w	4000w	6000w	10000w	12000w
	Efficiency(except power loss on the wire)	>85%(Full load)										
GENERAL CHARACTERISTICS	Over load protection	Yes										
	Short circuit protection	Yes										
	Over temperature shutdown	<65°C										
	Operating temperature range	-5-40°C										
	Storage temperature range	-20-50°C										
	Operating relative humidity	10%-90%										
	Storage relative humidity	5%-95%										
	MECHANICAL CHARACTERISTICS	Dimension(mm)	90x70x46	125x90x46	125x90x46	190x125x70	340x220x82	290x220x78	320x260x95	410x260x95	410x230x170	60.5x23x17
Net weight		350g	500g	550g	1.05kg	2.5kg	3kg	6.5kg	7kg	7.5kg	12.75kg	
Outlet		IEC/NEMA/SCHUKO/UNIVERSAL										
Connector		DC cable clips										
Cool mode		By fan										

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