



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		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 powe)	200w	400w	600w	1000w	1600w	2000w	3000w	4000w	6000w	10000w	12000w
	GENERAL CHARACTERISTICS	Efficiency(except power loss on the wire)	>85%(Full load)									
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	240x220x80	290x220x80	320x260x90	410x260x90	510x230x170	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										

* Product specifications are subject to change without further notice.