

# Power Inverter , 5KVA With Bypass STS

## XIV50-120-120



- Pure sine wave output
- Low Frequency design
- DC operation mode (DC priority)
- Overload protection
- Short circuit protection
- LCD display system information
- Built-in Bypass Static Transfer Switch



## Specification

Model		XIV50-120-120	
Capacity		5KVA (4KW)	5KVA (5KW)
Input	DC Voltage (Range)	120 VDC (95 ~ 145 VDC) / (105~160 VDC) (pls. specify when order)	
	AC Bypass Voltage	1ph 2w 120V±15%	
	AC Frequency	50 or 60 Hz ± 5%	
Output	AC Voltage	1ph 2w + G, 120Vac ±2% ( If require other voltage like, 100V, 127V or 208V etc. Please specify it.)	
	Frequency	50 or 60 Hz ± 0.1%	
	Voltage Regulation	± 1% at linear load	
	THD Distortion	≤ 3% in full load	
	Crest Factor	3 : 1	
	Static Transfer Time	< 4mS	
	Transient Response	<50mS, 0~100% load variation and return to rated voltage ±2%.	
	Over Load Protection	100%~124% continuous ; 25sec @125% load ; 1 sec @135% load and then trip to bypass.	
	Efficiency (DC→AC)	> 85%	
Display	LCD display	Input/ Output voltage, Frequency, Output current, Temperature	
	LED display	System operating process	
Alarm	Input voltage	Input under voltage alarm	
	Inverter	Inverter failed alarm	
Protection	Short circuit	Short voltage alarm	
	Lightning & surge	Surge protector	
Environment	Operating Temp.	Operating 0 ~ 40 °C / Storage -15~60 °C	
	Relative Humidity	5 ~ 95%, non-condensing	
Physical	Dimension / Weight	310W x 910H x 660D, mm / 97 Kg	310W x 910H x 660D, mm / 98 Kg

V1911