

# Power Inverter , 10KVA With Bypass STS

## XIV100-120-120



- 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		XIV100-120-120
Capacity		10 KVA (8 KW)
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%
	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.	0 ~ 40 °C
	Storage Temp.	-15 ~ 60 °C
	Relative Humidity	5 ~ 95%, non-condensing
Physical	Dimension / Weight	310W x 910H x 660D, mm / 138 Kg

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