

XP SERIES

DC/AC Sine Wave Inverters: 100 - 1100 VA



Features

- Sinusoidal output waveform
- Frequency options 50Hz, 60Hz and 400Hz
- Output voltage options 100, 120 and 230VAC
- Wide range of input options: 12 - 120VDC
- Four power levels: 100 - 1100VA
- State of the art switched mode design
- Full electronic protection
- Standard product, short production lead times

General Specifications

Input Voltage:	12VDC (10.5 - 16.5) 24VDC (21.0 - 33.0) 32VDC (28.0 - 44.0) 48VDC (42.4 - 62.0) 66VDC (58.0 - 91.0) 110VDC (95 - 149.0)
Output Voltage:	100VAC / 120VAC / 230VAC options
Output Frequency:	50Hz, 60Hz, 400Hz options
Frequency Stability:	±0.1%
Harmonic Distortion:	Maximum 2%
Output Power:	100 - 1100 watts
Surge Power:	Typically 2.2 times rated output, except 125W and 250 models
Efficiency:	Typically 88% at rated load
Isolation:	For input >60VDC: Input - Output 2250VDC For input <60VDC: Input - Output 1500VDC
EMI:	EN55014
Protection:	Input under voltage protection Input over voltage protection Thermal shutdown
Operating Temp:	-25°C to +40°C at rated load.
Cooling:	Convection cooled 125W & 250W models Fan cooled 600W & 1100W models
Connections:	DC input via screw terminals at rear of unit. AC output via screw terminals at rear of unit and IEC socket on front panel, with IEC to AUST socket extension cable P190BK05063
Dimensions/Weight:	XP125: 118 x 51 x 172mm 0.9g (W x H x D) XP250: 265 x 70 x 135mm 3.0kg XP600: 196 x 92 x 300mm 4.5kg XP1100: 196 x 92 x 375mm 4.5kg

Description

The **XP** series DC/AC Sine Wave inverters offer a standard product with short production lead times to suit a wide range of industrial applications, including Power Stations, Avionics and Telecommunications.

They provide sinusoidal; output waveform and input voltage options from 12 - 120VDC.

The 250 - 1100W models have AC available on an IEC socket or on screw terminals inside the unit for hard wiring. The XP125 is only available with 100/120VAC output.

- **For more detailed information on the XP series, visit our website.**

Options

Transfer Switch X20:	P/N: X20: Utility as the primary source of power. Transfer utility to inverter output on AC power fail. (XP600 - XP1100)
Transfer Switch X28:	P/N: X28: Inverters as the primary source of power. Transfer inverter to Utility output on inverter power fail. (XP600 - XP1100)
Alarm Switch X27:	P/N27: X27: Inverter output fail alarm relay, change over contacts. (XP600 - XP1100).
Rack Mount:	Various 19in Rack mounting options, contact our office.

Model Examples:

XP-6-3-2-5	(24VDC/230VAC 50Hz 600W)
XP-K-3-I-5	(110VDC/230VAC 50Hz 1100W)

- 125 models not available with 230VAC output

XP	Power	Output VAC	Input VDC	Frequency
Series	1 = 125W	0 = 100VAC	1 = 12V	5 = 50Hz 6 = 60Hz 4 = 400Hz
	2 = 250W	1 = 120VAC	2 = 24V	
	6 = 600W	3 = 230VAC	B = 32V	
	K = 1100W		3 = 36V	
			4 = 48V	
			E = 66V	
			I = 110V	