

# XPOWER & XTREME SERIES

*On line double conversion  
Transformerless - 1/1 & 3/1*



## FEATURES:

- Available power sizes: 6, 8, 10, 12, 15 Kva
- Model 1/1: XPOWER - 3/1: XTREME
- Fujitsu 16 bit microprocessor-controlled
- Advanced IGBT inverter technology
- Input power factor 1
- High compatibility with most generators
- Fully automatic bypass switch
- Automatic battery test
- Smart overload and short circuit protection
- Tight voltage regulation
- 500% inverter inrush capability
- Caster and stop lever design for safety and convenience

*XPOWER and XTREME, specially designed for 'critical mission' applications, represent the best solution of middle-range UPS on the market.*

*XPOWER and XTREME series technology filters the alternating current input using a rectifier section that provides Power Factor Correction. The PFC draws current from AC line as a smooth sine wave.*

*A supervision system works to keep the technical features of XPOWER and XTREME UPS series unchanged in time.*

*The choice the latest generation technologies and components guarantees reduced dissipation of heat and a limited electromagnetic emissions. All these UPS are equipped with the entire communication interface (RS 232 - USB - SNMP) in order to combine XPOWER and XTREME with all networks and software platforms currently distributed.*

MODELS (XPOWER & XTREME)	XPW60 XTR 60	XPW80 XTR 80	XPW100 XTR 100	XPW120 XTR120	XPW150 XTR150
<b>Power (KVA) – cos phi 0,7</b>	6 kva	8 kva	10 kva	12 kva	15 kva
Efficiency	95%				
Noise	<40 db				
Operating temperature	10° ÷ 30°				
Humidity	95%				
Cooling	Forced				
Communication	Serial port RS232 (SNMP – free contacts relay card option)				
Communication protocol	Megatec				
Dimensions (WxHxD mm)	245x700x700				
Weight without batteries (Kg)	47		48		
EN: security and EMS	50091-1; 50091-2				

## INPUT PFC

Input voltage	<b>XPW:</b> 176VAC 260VAC - <b>XTR:</b> 304VAC ÷ 456VAC				
Input frequency	45 Hz ÷ 65 Hz				
P.F	0.998				
THD	< 3 %				
Type	Active PFC				
Operating frequency	20 KHz				

## INVERTER

Output current at cos phi 1	19	25	31	37	46
Output current at cos phi 0,7	26	34	43	52	65
Output voltage	230VAC adjustable by software				
Output frequency	50 Hz or 60 Hz auto sensing				

## TOLERANCE

Static	1%				
Dynamic	<2%				
Output wave form	Perfect Sine				
Crest factor	3:1				
Overload (%)	110% 10 min. – 125% 1 min. – 150% 10 sec.				

## BATTERIES

Type	Lead, sealed maintenance free				
No. & Battery voltage	20 pcs – 12V				

# SYSCONV

www.sysconv.it