•INDUSTRY• •MEDICAL• •DATA CENTER• •TRANSPORT• •MALLS•

XT100

UNINTERRUPTIBLE POWER SUPPLIES

3-15kVA

1 PHASE IN / 1 PHASE OUT

- OUTPUT ISOLATION TRANSFORMER
- MICROPROCESSOR CONTROLLED
- IGBT INVERTER

XT 100 Online UPS are microprocessor controlled, full sine output uninterruptible power supplies produced with PWM (Pulse width modulation) and IGBT technologies.It provides uninterrupted energy for local networks, communication systems, sensitive medical devices, smart engineering measuring devices and industrial automation systems by guaranteeing safe operation thanks to its built-in inverter isolation transformer.

GENERAL SPECIFICATIONS

- Output isolation transformer
- Up to 91% efficiency
- Static by-pass
- LCD front panel
- 64 events memory
- RS232 and relay contacts
- Custom input and output voltage ranges
- SNMP compatible communication
- T-MON remote monitoring software
- Parallel operation
- Manufactured according to EC Directive; EN62040
- 2 years warranty

TECHNICAL SPECIFICATIONS

MODEL	XT103	XT105	XT107	XT110	XT115
Power (kVA)	3	5	7	10	15
INPUT					
Voltage	220/230 VAC P + N + G ± 15%				
By-pass voltage	220/230 VAC P + N ± 10%				
Frequency	50Hz / 60Hz ± 10%				
OUTPUT					
Power (kW)	2.1	3.25	4.55	7	10.5
Power factor	0.7	0.65		0.7	
Voltage	220/230 VAC P + N				
Voltage tolerance	± 1%				
Frequency	50Hz/60Hz				
Frequency tolerance	Line synchronized: ± 2% , free running: ± 0.1%				
Efficiency (at 100% load)	up to 90%			up to 91%	
Crest factor	3:1				
Overload protection	100%-125% load: 10 min., 125%-150% load: 1 min., > 150% load: by pass				
Short circuit protection	Electronic short circuit protection				
Voltage THD	< 2%				
BATTERIES					
Type	Sealed Lead Acid - Maintenance Free				
Number of batteries	14	16	18	20	
Float charging voltage	189 VDC	216 VDC	243 VDC	270 VDC	
End of discharge voltage	140 VDC	160 VDC	180 VDC	200 VDC	
Battery cabinet	Internal (standard time)			External	
Battery ambient temp.	25°C				
Battery protection	Automatic circuit breaker				
Battery test	Optional				
GENERAL					
Standards	EN 62040-1, EN62040-2				
Serial communication	Dry contacts & RS232				
Software	T-Mon UPS Management Software (3 clients, +1 server management std.)				
Temperature range	0°C - 40°C				
Ventilation	Forced air cooling				
Relative humidity	< 90% (non-condensing)				
Protection degree	IP20				
Altitude	< 2000m.				
Acoustic noise	< 45 dBA				
Weight without batteries (kg)	55	60	75	82	107
Dimensions (mm) HxWxD	585x265x505	595x265x600	645x265x670	720x265x740	775x300x800
OPTIONS					
Different input / output voltage	Please ask				
Input transformer	Galvanic isolation transformer at the input (in external cabinet)				
External maintenance by-pass switch	Optional				
Parallel operation (please ask)	Up to 4 units				
Communication	SNMP, MODBUS, Remote Mon. Panel, RS485				
Battery temperature compensation	Optional				