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

XT300

UNINTERRUPTIBLE POWER SUPPLIES

10-80kVA

3 PHASE IN / 3 PHASE OUT

- OUTPUT ISOLATION TRANSFORMER
- MICROPROCESSOR CONTROLLED
- IGBT INVERTER

XT 300 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 92% 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
- Manufactured according to EC Directive; EN62040
- 2 years warrantly

Tescom

TECHNICAL SPECIFICATIONS

MODEL	XT310	XT315	XT320	XT330	XT340	XT360	XT380
Power (kVA)	10	15	20	30	40	60	80
INPUT							
Voltage	220/380 (230/400 VAC) 3P + N + G ± 15%						
By-pass voltage	220/380 (230/400 VAC) 3P + N ± 10%						
Input frequency	50Hz (60Hz on request) ± 10%						
OUTPUT							
Power (kW)	8	12	16	24	32	48	64
Power factor	0,8						
Voltage	380/400 VAC 3P + N						
Voltage tolerance	Static: ± 1%, Dynamic: ± 5%						
Voltage recovery time	Max. 25ms						
Frequency	50Hz/60Hz						
Frequency tolerance	Line synchronized: ± 2%, free running: ± 0.1%						
Efficiency (at 100% load)	89-91%			90-92%			
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	Linear load: < 2%, Non linear load: < 5%						
BATTERIES							
Type	Sealed Lead Acid - Maintenance Free						
Number of batteries	30						
Float charging voltage	405 VDC						
End of discharge voltage	300 VDC						
Battery ambient temperature	25ºC						
Battery protection	Automatic circuit breaker						
Battery test	Automatic/Manuel						
GENERAL							
Standards	EN 62040-1, EN62040-2						
Serial communication	Dry contacts & RS232						
Software	T-Mon UPS Management Software						
Temperature range	0°C - 40°C						
Ventilation	Forced air cooling						
Relative humidity	< 90% (non-condensing)						
Protection degree	IP20						
Altitude	< 2000m						
Acoustic noise	< 56 dBA					< 60 dBA	
Weight without batteries (kg)	220	260	284	305	404	496	580
Dimensions (mm) HxWxD	1150x505x655				1390x575x820		1450x720x820
OPTIONS							
Different input / output voltage	Please ask						
Input transformer	Galvanic isolation transformer at the input (in external cabinet)						
Input THD	10% (with 12 pulse or 18 pulse rectifier, according to UPS range), %5 (with 18 pulse rectifier, + filter), up to 100kVA						
Input power factor	0.95 - 0.98 (with 18 pulse rectifier)						
Communication	SNMP, MODBUS, Remote Mon. Panel, RS485						
Battery temperature compensation	Optional						