

# XT300

## 10-80kVA

Output Isolation Transformer

Microprocessor Controlled

IGBT Technology



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 warranty

## TECHNICAL SPECIFICATIONS

MODEL	XT310	XT315	XT320	XT330	XT340	XT360	XT380	
Power (kVA)	10	15	20	30	40	60	80	
<b>INPUT</b>								
Voltage	220/380 (230/400 VAC) 3P + N + G $\pm$ 15%							
By-pass voltage	220/380 (230/400 VAC) 3P + N $\pm$ 10%							
Input frequency	50Hz (60Hz on request) $\pm$ 10%							
<b>OUTPUT</b>								
Power (kW)	8	12	16	24	32	48	64	
Power factor	0,8							
Voltage	380/400 VAC 3P + N							
Voltage tolerance	Static: $\pm$ 1%, Dynamic: $\pm$ 5%							
Voltage recovery time	Max. 25ms							
Frequency	50Hz/60Hz							
Frequency tolerance	Line synchronized: $\pm$ 2%, free running: $\pm$ 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%							
<b>BATTERIES</b>								
Type	Sealed Lead Acid - Maintenance Free							
Number of batteries	30							
Float charging voltage	405 VDC							
End of discharge voltage	300 VDC							
Battery ambient temperature	25°C							
Battery protection	Automatic circuit breaker							
Battery test	Automatic/Manual							
<b>GENERAL</b>								
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	
<b>OPTIONS</b>								
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							