



30 - 80 kVA

# TEOS 300 XL SERIES

UNINTERRUPTIBLE POWER SUPPLIES

3 phase in / 3 phase out

## GENERAL SPECIFICATIONS

- True double-conversion
- DSP technology guarantees high performance
- Output power factor 1.0
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run model
- Maintenance bypass available
- Parallel operation with common battery
- Optional parallel operation
- Optional isolation transformer offers full isolation and complete common mode noise rejection





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## TECHNICAL SPECIFICATIONS

MODEL		Teos 330XL	Teos 340XL	Teos 360XL	Teos 380XL
Phase		3 phase in / 3 phase out			
Capacity		30kVA / 30kW	40kVA / 40kW	60kVA / 60kW	80kVA / 80kW
Parallel capability		up to 3 units in parallel			
<b>INPUT</b>					
Nominal voltage		3x400VAC (3Ph+N)			
Input voltage range		190-520VAC (3-Phase) @ 50% load 305-478VAC (3-Phase) @ 100% load			
Frequency range		46~54 Hz or 56~64Hz			
Power factor		≥ 0.99 @ 100% load			
<b>OUTPUT</b>					
Output voltage		3 x 360/380/400/415 VAC (3Ph+N)			
AC Voltage regulation		± 1% (batt. mode)			
Frequency range		46~54Hz or 56~64Hz (synchronized range)			
Frequency range		50Hz ± 0.1Hz or 60Hz ± 0.1Hz (batt. mode)			
Current crest ratio		3:1 (max)			
Harmonic distortion		≤ 2 % THD (Linear Load) ≤ 4 % THD (Non-linear Load)			
Transfer Time	AC Mode to batt. mode	Zero			
	Inverter to bypass	Zero			
Waveform (Batt. mode)		Pure Sinewave			
Overload	AC mode	100-110% for 10 min, 110-130% for 1 min, >130% for 1 second			
	Battery mode	100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second			
<b>EFFICIENCY</b>					
AC mode		95,5%			
Eco mode		97%			
Battery mode		93,5%			
<b>BATTERY</b>					
Battery type		Depending on the capacity of external batteries			
Numbers		64 pcs 12V 7Ah or 64 pcs 12V 9Ah internal battery		32~40 pcs (adjustable)	
Charging current (max.)		1A-12A (adjustable)		2A-12A (adjustable)	
Charging voltage		±13.65VxN (N = 16~20)			
<b>INDICATORS</b>					
LCD panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
<b>PHYSICAL</b>					
Dimension HxWxD (mm)		1000x300x815		1010x360x790	
Net Weight (kg)		60	61	108	113
<b>ENVIRONMENT</b>					
Operating temperature		0-40°C			
Operating humidity		< 95% and non-condensing			
Acoustic noise		< 60dB @ 1 Meter	< 70dB @ 1 Meter		< 75dB @ 1 Meter
<b>MANAGEMENT</b>					
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008, 7/8, Linux and MAC			
Optional SNMP		Power management from SNMP manager and web browser			