



1 - 10 kVA

TEOS 100 XL SERIES

UNINTERRUPTIBLE POWER SUPPLIES

1 phase in / 1 phase out

GENERAL SPECIFICATIONS

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage
- Converter mode available
- ECO mode for energy saving
(Only available for 1-3kVA models)
- Generator compatible
- Adjustable battery numbers only available for 6/10kVA models
- Adjustable charging current via LCD or software (1A~ 6A) only available for 6/10kVA models
- Emergency power off (EPO) function is only available for 6/10kVA models
- Comprehensive display allows easy monitoring and access to UPS status





1 -10 kVA

TECHNICAL SPECIFICATIONS

MODEL		Teos 1000 XL	Teos 2000 XL	Teos 3000 XL	Teos 106 XL	Teos 110 XL
Phase		Single phase with ground				
Power		1000VA / 800W	2000VA / 1600W	3000VA / 2400W	6000VA / 5400W	10000VA / 9000W
INPUT						
Nominal voltage		100/110/115/120/127VAC or 200/208/220/230/240VAC			208/220/230/240VAC	
Input voltage range		60-150 VAC or 120-300 VAC (Based on load at 50%) 90-140 VAC or 180-280 VAC (Based on load at 100%)			110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)	
Frequency range		40Hz ~ 70 Hz			46-54 Hz or 56-64 Hz	
Power factor		≥ 0.99 @ Nominal Voltage (100% load)				
OUTPUT						
Power factor		0,8			0,9	
Voltage		100/110/115/120/127VAC or 200/208/220/230/240VAC			208/220/230/240VAC	
Voltage regulation		± 1%				
Frequency range		47~ 53 Hz or 57 ~ 63 Hz (Synchronized Range)			46-54 Hz or 56-64 Hz (Synchronized Range)	
Frequency range		50 Hz or 60Hz ± 0.5% (Batt. Mode)			50 Hz or 60Hz ± 0.1 Hz (Batt. Mode)	
Crest factor		3:1 (max.)				
Voltage THD		≤ 3% THD (linear load) ≤ 6% THD (non-linear load)			≤ 3% THD (linear load) ≤ 5% THD (non-linear load)	
Transfer süresi	AC mod → Batt. mod	Zero				
	Inverter → bypass	4 ms			Sifir	
Waveform (batt. mode)		Pure Sinewave				
EFFICIENCY						
AC mode		88%	89%	90%	92%	93%
Battery mode		83%	85%	88%	90%	91%
BATTERY						
Battery type		Depending on the applications				
Numbers		2	4	6	16-20 (adjustable)	
Typical recgahrge time		4 hour recover to 90% capacity			9 hour recover to 90% capacity	
Charging current		1A/2A/4A/6A (adjustable)			1A/2A/4A/6A (adjustable, only for 6A 16 pcs batt. configuration)	
Charging voltage		27.4VDC ± 1%	41.9VDC ± 1%	54.7VDC ± 1%	82.1VDC ± 1%	109.4VDC ± 1%
Charging voltage		273 VDC ± 1% (according to 20 batt.-powered configuration)				
INDICATORS						
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators				
ALARM						
Battery mode		Sounding every 4 seconds				
Low battery		Sounding every second				
Overload		Sounding twice every second				
Fault		Continously sounding				
PHYSICAL						
Dimension HxWxD (mm)		220x145x282	220x145x397		318x190x369	318x190x442
Net weight (kg)		4.1	6.8	7.4	12	16
ENVIRONMENT						
Humidity		20-90% RH @ 0- 40°C (non-condensing)			0-95% RH @ 0-40°C (non-condensing)	
Acoustic noise		< 50dBA @ 1 meter			< 55dBA @ 1 meter	< 58dBA @ 1 meter
MANAGEMENT						
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC				
Optional SNMP		Power management from SNMP manager and web browser				