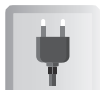


TEOS 100

1-10kVA

True Double-Conversion

Microprocessor Control



PLUG & PLAY
(1-3kVA)



UPS ONLINE



TOWER



USB



SERVICE /
TECH. SUPPORT

GENERAL SPECIFICATIONS

- True double-conversion
- Input power factor correction
- Wide input voltage
- Converter mode available
- ECO mode for energy saving (Only available for 1-3kVA models)
- Adjustable battery numbers only available for 6/10kVA models
- Microprocessor control optimizes reliability
- 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

TECHNICAL SPECIFICATIONS

MODEL		Teos 1000	Teos 2000	Teos 3000	Teos 106	Teos 110
Phase		Single phase with ground				
Capacity		1000VA / 900W	2000VA / 1800W	3000VA / 2700W	6000VA / 5400W	10000VA / 9000W
INPUT						
Nominal voltage		100/110/115/120/127 VAC or 200/208/220/230/240 VAC			208/220/230/240 VAC	
Input voltage range		60-150VAC or 120-300 VAC (Based on load at 50%) 90-140VAC 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~70Hz			46~54Hz or 56~64Hz	
Power factor		≥ 0.99 @ Nominal voltage (100% load)				
OUTPUT						
Voltage		100/110/115/120/127 VAC or 200/208/220/230/240 VAC			208/220/230/240 VAC	
Voltage regulation		± 1%				
Frequency range (Synchronized Range)		47~53Hz or 57~63Hz			46~54Hz or 56~64Hz	
Frequency range (Batt. Mode)		50Hz or 60Hz ± 0.5%			50Hz or 60Hz ± 0.1Hz	
Crest factor		3:1 (max.)				
Harmonic distortion		≤ 3% THD (Linear load), ≤ 6% THD (Non-linear load)			≤ 3% THD (Linear load), ≤ 5% THD (Non-linear load)	
Transfer time	AC Mode to batt. mode	Zero				
	Inverter to bypass	4 ms (Typical)			Zero	
Waveform (Batt. mode)		Pure Sinewave				
EFFICIENCY						
AC mode		88%	89%	90%	92%	93%
Battery mode		83%	85%	88%	90%	91%
BATTERIES						
Standard model	Battery type	12V / 9Ah			12V / 7Ah	12V / 9Ah
	Numbers	2	4	6	16	
	Typical recharge time	4 hours recover to 90% capacity			9 hours recover to 90% capacity	
	Charging current (max.)	1.0 A			1A/2A (Adjustable)	
	Charging voltage	27.4 VDC ± 1%	54.7 VDC ± 1%	82.1 VDC ± 1%	218.4 VDC ± 1%	
Long-run model	Battery type	N/A			Depending on the capacity of external batteries	
	Numbers				16 ~ 20 (Adjustable)	
	Charging current (max.)				1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batt.)	
	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		Continuously sounding				
PHYSICAL						
Standard model	Dimension, HxWxD (mm)	220x145x282	220x145x397	318x190x421	688x190x369	688x190x442
	Net weight (kg)	9.8	17	27.6	61	66
Long-run model	Dimension, HxWxD (mm)	N/A			318x190x369	318x190x442
	Net weight (kg)	N/A			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				