

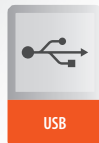
TEOS RT

1-10kVA

Long Time Backup Option

True Double-Conversion

Microprocessor Control



GENERAL SPECIFICATIONS

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage
- Converter mode available
- ECO mode for energy saving (Only available for 1-3kVA models)
- Generator compatible
- Adjustable charging current via LCD or software (1A/2A)
- Emergency power off (EPO) function is only available for 6/10kVA models
- Comprehensive display allows easy monitoring and access of UPS status

TECHNICAL SPECIFICATIONS

MODEL	Teos 1RT	Teos 2RT	Teos 3RT	Teos 106RT		Teos 110RT	
Phase	Single phase with ground						
Capacity	1000VA / 900W	2000VA / 1800W	3000VA / 2700W	6000VA / 5400W		10000VA / 9000W	
INPUT							
Nominal voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240 VAC			
Input voltage range	60-145 VAC or 120-300 VAC at 50% load 90-145 VAC or 180-300 VAC at 100% load			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	110/115/120/127VAC or 208/220/230/240VAC			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)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Crest factor	3:1						
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			0ms		
	Inverter to bypass	4 ms (Typical)			0ms		
Waveform (Batt. mode)	Pure Sinewave						
EFFICIENCY							
AC mode	88%	89%	90%	92%		93%	
Battery mode	83%	87%	88%	90%		91%	
BATTERIES							
Battery type	12V / 9Ah			12V / 7Ah		12V / 9Ah	
Numbers	2	4	6	16	20	16	20
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	27.4VDC ± 1%	54.7VDC ± 1%	82.1VDC ± 1%	218.4VDC ± 1%	273VDC ± 1%	218.4VDC ± 1%	273VDC ± 1%
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							
Dimension HxWxD (mm)	88x438x310	88x438x410	318x190x421	UPS Unit: [2U]88x438x500 Battery Pack: [2U]88x438x668	UPS Unit: [2U]88x438x500 Battery Pack: [3U]133x438x580	UPS Unit: [3U]133x438x580 Battery Pack: [3U]133x438x580	UPS Unit: [3U]133x438x580 Battery Pack: [3U]133x438x580
Net weight (kg)	9.8	17	27.6	UPS Unit: 15 Battery Pack: 48	UPS Unit: 15 Battery Pack: 61	UPS Unit: 18 Battery Pack: 51	UPS Unit: 18 Battery Pack: 61
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						