

Thunder Shield Series

For PC server, security system, SME (small and medium enterprises), and SOHO members



Economic power protection solution.

Protect your power of personal computers with a small and economic package.
The UPS will continue providing clean and stable power to connected equipment while its embedded microprocessor controller guarantees high reliability, perfect for any home or small office application.

TS-E 650-2000



TS650E - 800E

TS1000E - 2000E

Features

- Compact size
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Off-mode charging
- Cold start function

Specifications

Model Name		TS650E	TS800E	TS1000E	TS1500E	TS2000E
Maximum Capacity		600VA / 360W	800VA / 480W	1000VA / 600W	1500VA / 900W	2000VA / 1200W
INPUT						
Nominal Input Voltage		110/115/120VAC or 220/230/240VAC				
Input Voltage Range		81-145VAC or 162-290VAC				
Nominal Input Frequency		50/60Hz AUTO Sensing				
DC Start		Yes				
OUTPUT						
Output Voltage Regulation		±10%				
Nominal Output Frequency		50/60Hz ± 1 Hz				
On-battery Output Waveform		Simulated Sine Wave				
Transfer Time		2 ~ 6ms				
BATTERY						
User Replaceable Battery		12V 7Ah	12V 9Ah	12V 7Ah ×2	12V 9Ah ×2	
Recharge Time to 90%		<4Hours				
DC Start		Yes				
Number of Outlets	1X0V	4 Battery backup outlets		6 Battery backup outlets		
	2X0V	4 Battery backup outlets		4 Battery backup outlets	6 Battery backup outlets	
ADVANCED WARNINGS / DIAGNOSTICS						
Front Panel LEDs		Power Status / Battery Mode				
Audible Alarms		Battery mode / Battery Low / Overload / Fault				
ENVIRONMENTAL						
Operation Temperature		0~40°C				
Relative Humidity		0~90% humidity, non-condensing				
Audible Noise		<40db at 1m				
Dimensions (L×W×H)	mm	300×101×142 mm		320x130x182 mm		
	inch	11.8×4×5.6 inch		12.6x5.1x7.2 inch		
Weight (Kg)	kg	4.2 kg	4.9 kg	8.2 kg	10.4 kg	11 kg
	lbs	9.3 lbs	10.8 lbs	18.1 lbs	23 lbs	24.3 lbs

Specifications are subject to change without notice.

Front Panel

For TS650E-800E



For TS1000E-2000E



A LED

B Power On/Off

Rear Panel

For TS650E / TS800E



110/115/120V



220/230/240V

For TS1000E



110/115/120V



220/230/240V

For TS1500E / TS2000E



110/115/120V



220/230/240V

1 Data Line Protection

2 AC Input

3 Battery Backup Outlets

4 USB Port

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