

Thunder Shield Series

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



TS-C 650-2K

Features

- Line interactive design
- Boost and buck AVR (Auto Voltage Regulation)
- Fully digitized microprocessor control
- Energy saving function
- Cold start function (DC power on)
- Short circuit and overload protection
- Tel / Modem / LAN surge protection
- Smart power management software
- OEM Original Equipment Manufacturer



Specifications

Model Name		TS650C	TS800C	TS1000C	TS1200C	TS1500C	TS2000C
Maximum Capacity		650VA / 390W	800VA / 480W	1000VA / 600W	1200VA / 720W	1500VA / 900W	2000VA / 1200W
Power Factor		0.6					
INPUT							
Nominal Input Voltage		110/115/120VAC or 220/230/240V AC					
Input Voltage Range		-30% ~ +25%					
Nominal Input Frequency		50/60Hz AUTO Sensing					
OUTPUT							
Output Voltage Regulation		Rated Voltage ±5% (on battery)					
Nominal Output Frequency		50/60Hz ± 1%					
On-battery Output Waveform		Simulated Sine Wave					
Transfer Time		<2ms					
Number of Outlets	1x0V	4Battery backup outlets / 4Surge outlets (US)	4Battery backup outlets / 4Surge outlets (US)		8Battery backup outlets (US)		
	2x0V	4Battery backup outlets (IEC)	6Battery backup outlets (IEC)		8Battery backup outlets (IEC)		
PROTECTION							
Data Line Surge Protection		RJ11					
Overload Protection		UPS shuts down at 110% load after 60 secs or 130% load after 3 secs					
Discharge Protection		Key lock					
BATTERY							
User Replaceable Battery		12V 7Ah	12V 9Ah	12V 7Ah x2	12V 9Ah x2	12V 7Ahx2	12V 9Ah x2
Recharge Time to 90%		<4Hours					
DC Start		Yes					
ADVANCED WARNINGS / DIAGNOSTICS							
Front Panel LEDs		Power Status / Battery Mode / Overload					
Audible Alarms		Battery mode / Battery Low / Overload/Green Mode					
COMMUNICATION INTERFACE							
Communication		USB (Optional)					
INTERNAL DEVICE							
AVR		Yes					
DC Start		Yes					
Auto Restart		Yes					
Green Mode		Yes					
ENVIRONMENTAL							
Operation Temperature		0~40°C					
Relative Humidity		0~95% humidity, non-condensing					
Audible Noise		<40db at 1m					
PHYSICAL							
Dimensions (L×W×H)	Physical	305×95×170 mm	305×95×170 mm	385×98×170 mm	385×98×170 mm	360×150×160 mm	360×150×160 mm
	Packing	360×133×245 mm	360×133×245 mm	485×170×255 mm	485×170×255 mm	430×230×255 mm	430×230×255 mm
Weight	Net	4.7Kg	5.7Kg	8.1Kg	8.6Kg	10.7kg	12.4kg
	Gross	5.0Kg	6.0Kg	8.7Kg	9.2Kg	11.5Kg	13.2Kg
CONFORMANCE							
Approvals		CE					

Specifications are subject to change without notice.

* Typical backup time represents backup time for load equivalent to one PC and one 15" LCD monitor.
Values here are for reference only.

Front Panel



- A** AC Mode
- B** Battery Mode
- C** Battery Fault
- D** Power On/Off
- E** USB Charging Port (Optional)

Rear Panel

For TS650C/TS800C/TS1000C/TS1200C

For TS650C/TS800C

For TS1000C/TS1200C



110/115/120V



220/230/240V



220/230/240V

For TS1500C/TS2000C



110/115/120V



220/230/240V

- 1** AC Input
- 2** Fuse
- 3** Data Line Protection
- 4** Surge Protected Outlets
- 5** Battery Backup Outlets
- 6** USB

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