

Thunder Shield Series

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

TS600C / TS1000C / TS2000C

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	TS600C	TS1000C	TS2000C	
Maximum Capacity	600VA / 360W	1000VA / 600W	2000VA / 1200W	
Power Factor	0.6	0.6	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 $\pm 5\%$ (on battery)			
Nominal Output Frequency	50/60Hz $\pm 1\%$			
On-battery Output Waveform	Simulated Sine Wave			
Transfer Time	<4ms			
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 7Ah x2	12V 9Ah x2	
Recharge Time to 90%	<4Hours			
Typical Backup Time*	17min	33min	45min	
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			
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	385×98×170 mm	360×150×160 mm
	Packing	360×130×240 mm	495×175×260 mm	470×225×250 mm
Weight	Net	4.9Kg	8.7Kg	12.7kg
	Gross	5.8Kg	9.8Kg	14Kg
CONFORMANCE				
Approvals	CE			

Front Panel



- A** AC Mode
- B** Battery Mode
- C** Battery Fault
- D** Power On/Off

Rear Panel

For TS600C/TS1000C For TS600C For TS1000C



For TS2000C



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

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.

OPTI-UPS USA:
Tel: +1-909-869-5700
Fax: +1-909-869-5730
info@opti-ups.com

OPTI-UPS Europe:
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312
info@opti-ups.com.tw

OPTI-UPS Germany:
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312
info@opti-ups.com.tw

OPTI-UPS Middle East:
Tel: +9714-8819-838
Fax: +9714-8819-938
mea@opti-ups.com

OPTI-UPS Asia:
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312
info@opti-ups.com.tw