

T series

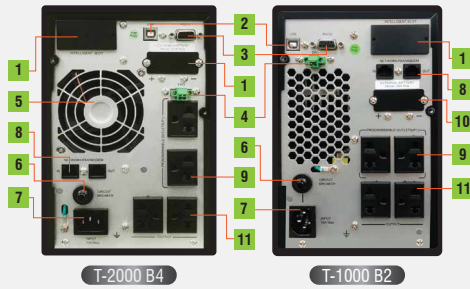


Tower Model

T-1000 B2:	1000VA/1000W
T-2000 B4:	2000VA/2000W

KEY Features:

- True on-line double conversion with 3-level inverter design UPS
- 100% digitized microprocessor controlled
- Output power factor 1.0
- Wide input voltage range 110-300Vac
- 50/60 Hz frequency converter mode
- MIMIC LCD for real-time UPS status display
- Auto self-testing system while turning on UPS
- ECO mode operation for energy saving
- Emergency power off (EPO) function
- Programmable power management outlets
- Selectable output voltage via LCD panel
- Cold start function
- Smart battery charger design to optimize battery performance
- Battery charger with temperature compensation technology
- Short circuit protection
- Lightning and surge protection
- Built-in USB and RS-232 communications port for management software
- Generator compatible
- **Optional external maintenance bypass switch**
- **Optional compatible with SNMP protocol**
- **UPS Monitoring and Controlling Software, Available for immediate download via the website**



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|---------------------|--|
| 1. Intelligent Slot | 7. Input Power |
| 2. USB | 8. Network/Lan/Tel/Modem Surge Protection Port |
| 3. RS-232 | 9. Programmable Outlets (P1) |
| 4. EPO | 10. External Battery |
| 5. Cooling Fan | 11. Input Power |
| 6. Circuit Breaker | |

TECHNICAL SPECIFICATION

Tower Model		T-1000 B2	T-2000 B4
Power Rating		1000VA/1000W	2000VA/2000W
Input	Voltage	110-300Vac at 50% load, 160-300Vac at 100% load	
	Frequency	50 or 60Hz $\pm 10\%$	
	Phase	Single phase with ground	
	Power factor	>0.99 @ nominal voltage (100% load)	
Output	Voltage	208/220/230/240Vac	
	Voltage regulation	$\pm 1\%$	
	Frequency	50 or 60Hz $\pm 0.1\%$ (Battery mode)	
	Overload recovery	Auto transfer to UPS	
	UPS design technology	True on-line double conversion, full digitized microprocessor controlled	
	Crest factor	3:1	
	Harmonic distortion	$\leq 2\%$ THD (Linear load), $\leq 4\%$ THD (Non-linear load)	
	Output waveform	Pure sinewave	
Efficiency	Transfer time	0 ms	
	AC mode	$>92\%$	$>93\%$
	Battery mode	$>89\%$	$>89\%$
	ECO mode	$>97\%$	
Protection and Filtering	Surge protection	EN/IEC 61000-4-5 Level 3	
	Overload protection	UPS Automatic bypass if overload between 110% to 130% at 30 seconds and more than 130% at 1.5 seconds	
	Short circuit protection	UPS Output cut off immediately or input fuse/circuit breaker protection	
Battery	Type	Sealed, Maintenance-free lead acid batteries	
	Typical recharge time to 90% Management	4 hours	
	Battery protection	Self-test	
	Cold start (DC start)	Cut off without draining any current when battery is low	
	Back up time	Yes	
	Expansion back up time	15-30 minutes (Depending on computer load) Depending on customer required	
Indicators	Status	UPS status, Load level, Battery level, Input/output voltage, Remaining backup time, and Fault conditions	
Audible Alarm	Battery mode	Sounding every 4 seconds	
	Low battery	Sounding every second	
	Overload	Sounding twice every second	
	Fault	Continuously sounding	
Dimension (DxWxH mm)	Tower	397 x 145 x 220	
Weight (kg)	Tower	11.32	16.53
Environmental	Operating temperature	0-40 °c	
	Relative humidity	0-95% (Non-Condensing)	
	Noise level	$<45\text{dB}$ @1 Meter	
Interface	Smart RS232	Software supports windows family, Linux, Sun solarris, IBM aix, Compaq true64, SGI IRIX, FreeBSD, HP-UX and MAC Windows family and MAC OS Power management from SNMP manager and web browser	
	USB		
	SNMP(Optional)		

Authorized Distributor:

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TIS. 1291 Part 1-2553
TIS. 1291 Part 2-2553
TIS. 1291 Part 3-2555