

## High Performance Great Value

- Online double-conversion UPS at a price 30% to 40% below the leading competitors
- High frequency design reduces size and weight by as much as 20% compared to competitive models
- Enhanced charger models provide charging current for external battery runtimes up to 24 hours
- Intelligent battery management provides automatic and manual battery verification
- IGBT Inverter supports high crest factor loads (>3:1)
- RJ11 connection safeguards fax machines, modems and other equipment against "backdoor" spikes and surges
- Power management software provides automatic, orderly shutdown and ensures data integrity

# MaxPower T Series

## Online Uninterruptible Power Systems



Delivering maximum power quality and backup power protection with its double-conversion, online design, **MaxPower's T Series** of Uninterruptible Power Systems (UPSs) offers uncompromised levels of reliability and efficiency at an optimum value.

An ideal solution for networks, servers and telecommunications equipment, **MaxPower's T Series** is offered in 1000, 2000 and 3000VA models. Each UPS is available with either standard internal batteries or with an Enhanced Charger. Enhanced Charger models provide as much as 1100W of charging power for long runtime external battery systems. In this way, users may cost-effectively achieve extended runtimes of up to 24 hours. Investment protection and peace of mind are ensured with a full 2-year warranty, including the battery. **MaxPower's T Series** options include:

- Extended Service Plans
- Extended Runtime Battery Cabinets



# T Series

Powerful. Reliable. Economical.

# T Series Specifications

MaxPower T Series	1000VA/700W	2000VA/1400W	3000VA/2100W	1000VA/700W	2000VA/1400W	3000VA/2100W
Topology	Online Double Conversion					
Agency Approvals	UL-1778, UL1449, CSA22.2, FCC Part 68, FCC Part 15					
Warranty	2 Years					
Type	Internal Battery Models			Enhanced Charger Models (no batteries)		
Model Number	T901000PRCCRB11	T902000PRCCRB11	T903000PRCCRB11	T901000PRCCRC11	T902000PRCCRC11	T903000PRCCRC11

Input						
Voltage	60 to 138 V					
Frequency Range	50/60Hz +/- 0.5Hz (auto-sensing)					
Power Factor	Active Input Power Factor > 0.95 at full load					
Input Plug (NEMA Type)	5-15P	5-20P	L5-30P	5-15P	5-20P	L5-30P

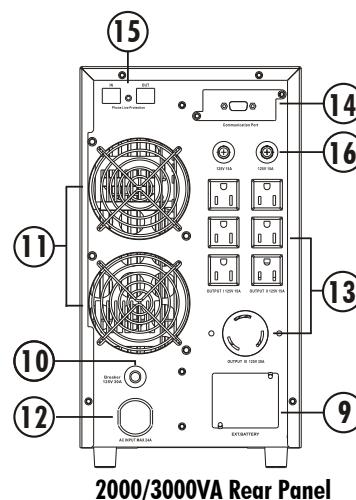
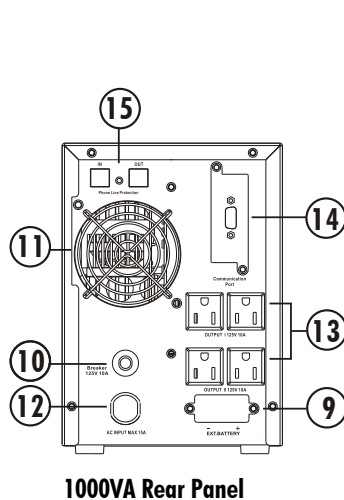
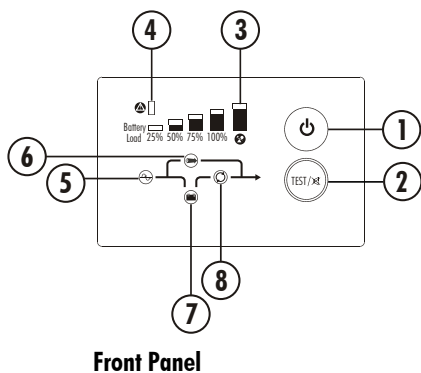
Output						
Voltage Default	120V					
Frequency	50/60Hz +/- 0.3Hz					
Static Regulation	+/- 2%					
Dynamic Response to 100% Step Load	+/- 5%					
Overload	105-125% for 1 min / 126-150% for 10 sec / > 150% trip immediately					
Waveform	True Sine Wave					
Harmonic Distortion	THD < 3% at full linear load, < 5% at full non-linear load					
Load Crest Factor	> 3:1					
Receptacles (NEMA Type)	(4) 5-15R	(6) 5-15R, (1) 5-20R	(6) 5-15R, (1) L5-30R	(4) 5-15R	(6) 5-15R, (1) 5-20R	(6) 5-15R, (1) L5-30R

General						
Temperature/Humidity	0°C to 40°C operating / 95% max non-condensation					
Acoustic Noise (Full Load) @ 1 Meter	< 50 dBA					
Efficiency	AC/AC > 85%, DC/AC > 87%					
MTBF (Calculated)	80,000 hours					
UPS Dimensions (HxWxD)	8.9"x6.3"x17.3"	13.8"x7.7"x18.0"	13.8"x7.7"x18.0"	8.9"x6.3"x17.3"	13.8"x7.7"x18.0"	13.8"x7.7"x18.0"
UPS Weight/ Shipping Weight (lbs)	27.7 lbs/ 29.9 lbs	60.7 lbs/ 65.1 lbs	69.3 lbs/ 73.7 lbs	18.3 lbs/ 20.5 lbs	35.9 lbs/ 40.3 lbs	35.9 lbs/ 40.3 lbs

Communication	
RS232	Yes/Megatec Protocol
Bundled Software	UPSilon 2000 CD and RS-232 6' Cable
Tel/Data Line Protection	RJ11 input/output

Battery/Charger						
Charging Current/Float Voltage	1.0A/ 27.6V	0.8A/ 82.5V	0.8A/110V	8.0A/27.0V	10.0A/82.5V	10.0A/110V
DC Voltage (Nominal)	24V	72V	96V	24V	72V	96V
Connector for External Battery	No	No	No	Yes	Yes	Yes
Internal Battery Quantity and Type	(2) 12V/9AH	(6) 12V/7AH	(8) 12V/7AH	NA	NA	NA
Battery Shutdown Voltage at Full Load	1.67V per cell					

Battery Runtimes								
Models with Internal Battery	250VA	500VA	750VA	1000VA	1500VA	2000VA	2500VA	3000VA
1000VA	30	12	6	3				
2000VA	90	45	30	20	11	4		
3000VA	135	70	45	32	20	15	8	4



1. Main On/Off Switch
2. Silence/Test Switch
3. Load/Battery Indicator
4. Fault Indicator
5. AC Normal Indicator
6. AC Bypass Mode Indicator
7. Backup Mode/Battery Replace Indicator
8. Output Indicator
9. External Battery Connector  
(Enhanced Charger models only)
10. Input Circuit Breaker
11. Fan
12. Power Cord
13. AC Receptacles NEMA Type  
1000VA (4) 5-15R  
2000VA (6) 5-15R and (1) 5-20R  
3000VA (6) 5-15R and (1) L5-30R
14. Data Port: RS232 Communication Interface
15. Tel/Fax/Modem (RJ11)
16. Output Circuit Breaker