



T1SERIES  
500VA - 1kVA



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With its sleek case and hi-tech fascia AEC's T1 Series is a reliable, cost-effective UPS. Looking equally at home in the office or domestic environment the T1 is ideal for applications requiring basic, no nonsense, economical power protection.



## > Protection

With a wide-ranging input voltage (rated voltage +25% / -30%) the Automatic Voltage Regulation (AVR) function of the T1 Series ensures regulated power to your equipment even under poor supply conditions.

T1 also protects your modem and phone line via a filtered socket, eliminating one of the most common causes of hardware failure. Also included is a peripheral protection socket offering mains filtering to protect valuable non-essential equipment.

Under mains failure the T1 provides computer grade power and can start a controlled shutdown of your software and connected hardware if the supplied software is configured on your equipment, completely protecting your data and working documents.

### > Power Ratings

Three power ratings are available, 500VA, 700VA and 1kVA with innovative mobile phone style LCD display. Each unit's display will keep you quickly updated on mains and battery status, ensuring continuous protection of your equipment and data.



“T1 Series - a cost effective solution to your power problems”



### > Standard Properties

- Compact and stylish, ideal for office or home.
- Excellent performance and reliability, designed for maximum equipment protection.
- Advanced MCU control technology, enhancing UPS performance.
- Competitively priced.
- High efficiency.
- 500VA, 700VA, 1kVA, powerful enough for desktop PC's.
- Conforms to all necessary safety and CE specifications.
- No noise, place it on your desktop.
- Simple and Easy to read LCD display
- Fast low voltage protection, predicting mains failure.
- Automatic voltage regulation, saving battery power.
- Low battery protection, preventing deep discharge.
- Advanced battery management.
- Modem, phone line and peripheral equipment protection.
- Hot battery swap, no need to switch off UPS. (Except 1kVA model).



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## T1SERIES

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	500VA	700VA	1kVA
<b>CAPACITY</b>			
Maximum Capacity	500VA/300W	700VA/420W	1000VA/600W
<b>INPUT</b>			
Input Voltage Range	220/230/240VAC (+25% / -30%)		
Input Frequency	44Hz ~ 56Hz		
Output			
Output Voltage	220/230/240VAC±10% (On Battery Mode)		
Output Voltage Regulation	± 10%		
Output Frequency	46~54Hz		
Output Frequency ( Battery Mode)	50 ± 0.1 Hz		
Overload Capability	Delayed protection when the output is > 150% overload		
<b>BATTERY</b>			
Battery Type	Sealed lead-acid maintenance-free 12VDC/ 7Ah per cell		
Numbers of Batteries	1 cells	1 cells	2 cells
Backup Time (at Full Load)	3 minutes	2 minutes	3 minutes
Recharge Time to 90%	< 10 hours		
<b>TRANSFER TIME</b>			
AC to DC	< typical 6 ms		
<b>INDICATION</b>			
LCD	AC mode, Battery Mode, Output status, Battery Capacity, Overload, UPS Fault		
<b>AUDIBLE ALARM</b>			
Battery Mode	Long beeping		
Low Battery	Continuous beeping		
Overload	Short Beeping		
<b>DEMENSIONS</b>			
W x H x D (mm)	90 x 165 x 325	90 x 165 x 325	120 x 210 x 380
Weight			
Net Weight w/ Battery (kgs)	6.3	6.6	15
<b>ENVIRONMENTAL</b>			
Operating Temperature	-5 ~ +40° C		
Relative Humidity	< 90% (Non-Condensing)		
Audible Noise	<45dBA @ 1 Meter	<50dBA @ 1 Meter	<55dBA @ 1 Meter

