

High Temperature Traffic Control UPS



FEATURES

The Powercom TC Series UPS, a robust and industrial-grade power protection solution that has passed rigorous practical experiments and complies with Transportation Electrical Equipment Specifications (TEES). Designed to excel in challenging environments, the TC UPS offers a wide operating temperature range from -37°C to $+74^{\circ}\text{C}$, ensuring reliable performance without derating even in extreme conditions. With programmable dry contacts, various communication options, and enhanced power management capabilities, the TC Series UPS is a versatile and reliable choice for critical applications.

Main Features

- Satisfying TEES Qualified UPS: TC UPS has proven its industrial-grade power protection through practical experiments and is compliant with TEES standards, making it suitable for outdoor equipment.
- Wide Operating Temperature Range: Designed to operate in temperatures ranging from -37°C to $+74^{\circ}\text{C}$, TC UPS doesn't derate in extreme conditions, ensuring the protection of critical devices.
- Programmable Dry Contacts: Benefit from 6 outputs and 1 input programmable dry contact, enabling better power management and accident resilience.
- Various Communications Available: TC provides multiple communication options, including USB B type, RS-232, and an optional Ethernet port.
- Generator Mode Compatibility: Generator mode allows for wider variations in input voltage and frequency when an AC generator is applied.
- Accurate Message Delivery: The 4-line 20 character display maintains high contrast and sharpness, even under sunlight, ensuring accurate information monitoring.
- Particular Information Monitoring: A specially customised UPS monitoring system displays specific TC information easily through a web browser.
- Flexible Communication Method: With a communication slot, UPS status and scheduled actions can be easily collected for system monitoring.
- Enhanced Power Management Ability: Additional input ports are available for more reference in UPS power management.
- Built-in AVR Function: TC's in-built AVR stabilises fluctuating voltage, brownouts, and other voltage problems for optimal performance.
- Inverter Mode: TC UPS can run continuously in inverter mode and provides current limit protection for critical applications.

High Temperature Traffic Control UPS

MODEL	DIMENSIONS	WEIGHT	SHIP DIMENSIONS	SHIP WEIGHT
TC-650	432 x 254 x 88.6mm	13kg	540 x 388 x 233mm	14kg
TC-1100	432 x 254 x 88.6mm	13kg	540 x 388 x 233mm	14kg
TC-2000	432 x 254 x 133mm	21kg	540 x 388 x 277mm	23kg
TC-2500	432 x 320 x 133mm	21kg	540 x 454 x 277mm	24kg
TC-3000	432 x 460 x 133mm	34kg	617 x 553 x 379mm	46kg

SPECIFICATIONS

	TC-650	TC-1100	TC-2000	TC-2500	TC-3000
Configuration					
Capacity (VA)	650VA	1100VA	2000VA	2500VA	3000VA
Capacity (Watts)	650W	1100W	2000W	2500W	3000W
Input					
Voltage	120 VAC \pm 25% or 220/230/240 VAC \pm 25%			220/230/240 VAC \pm 25%	
Frequency	120 VAC 60Hz 220/230/240 VAC 50/60 Hz				
Output					
Waveform	Pure sine wave				
Voltage	120 VAC or 220/230/240 VAC			220/230/240 VAC	
Frequency	50 / 60 Hz \pm 0.5 Hz				
Transfer time- Normal mode (max)	12 ms				
Transfer time- Generator mode (max)	25ms				
AC input & output connectors	Terminal block, Anderson PP45 quick connector, IEC socket				
Protection					
Full protection	Overload, breaker				
Management & Communication					
Communication port	RS 232, USB B Type, SNMP card (option)				
Physical					
Dimensions	432 x 254 x 88.6mm		432 x 254 x 133mm	432 x 320 x 133mm	432 x 460 x 133mm
Weight	13kg		21kg	21kg	34kg
Shipping dimensions	540 x 388 x 233mm		540 x 388 x 277mm	540 x 454 x 277mm	617 x 553 x 379mm
Shipping weight	14kg		23kg	24kg	46kg

To view Access' extensive ranges go to: www.accesscomms.com.au

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SPECIFICATIONS

Indicators		
LCD display	4 Line multi-function LCD	
LED display	Output status, alarm, fault LED	
Environmental		
Operating temperature	-37 -+74°C	
Operating humidity	0-95% RH (non condensing)	
Audible noise	Less than 50 dB	Less than 60 dB
Battery		
String voltage	24 VDC/48 VDC	48 VDC
Type	Lead-acid battery	
Max charge current	TC--650 / 1100 10A, TC-2000 / 2500 / 3000 10A (30A option)	

- * Specifications are subject to change without further notice.
- * Specifications are for reference, please refer to information based on real product
- * No derating under full temperature range..