TRAFFIC CONTROL OUTDOOR UPS HIGH TEMP 650VA

PS81312

- Industrial-Grade Reliability: Rigorously tested and compliant with TEES standards, ideal for transportation and outdoor use.
- Extreme Temperature Performance: Operates from -37°C to +74°C with no derating, ensuring reliable protection in harsh environments.
- Flexible Power Management: Includes 6 programmable dry contact outputs and 1 input for custom alerts and control.
- Versatile Communication Options: Supports USB, RS-232, and optional Ethernet for seamless system integration and monitoring
- Built-in AVR Stability: Automatically regulates voltage fluctuations to protect sensitive equipment from brownouts and surges
- Generator-Compatible: Handles wide input voltage and frequency ranges, making it suitable for generator-powered operations.

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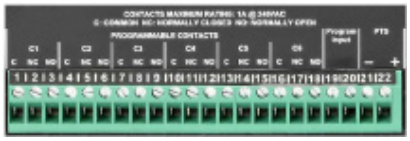
UPS SPECIFICATIONS

Specifications

Configuration	
Capacity (VA)	650 VA
Capacity (Watts)	650W
Input	
Voltage	120VAC ±25% 220/230/240VAC ±25%
Frequency	120VAC 60Hz 220/230/240VAC 50/60Hz
Output	
Waveform	Pure Sine Wave
Voltage	120VAC or 220 / 230 / 240VAC
Frequency	50 Hz / 60Hz ±0.5Hz
Transfer Time: Normal Mode (Max.) Generator Mode (Max.)	 12 ms 25 ms
AC Input & Output Connectors	Terminal Block, Anderson PP45 Quick Connector, IEC Socket
Protection	
Full Protection	Overload, Breaker
Management & Communication	
Communication Port	RS232, USB Type, SNMP Card (Option)
Physical	
Dimensions (WxDxH) mm	432 x 254 x 88.6
Weight (kgs)	13
Shipping Dims (mm)	540 x 388 x 233
Shipping Weight (kgs)	14
Indicators	
LCD Display	4 Line Multi-function LCD
LED Display	Output Status, Alarm, Fault LED
Enviromental	
Operating Temperature	-37°C ~ +74°C
Operating Humidity	0-95% RH (Non-condensing)
Audible Noise	Less than 50 dB
Battery	
String Voltage	24VDC/ 48VDC
Type	Lead-Acid Battery
Max Current Current	10A

Features

Progrmmable Dry Contacts
6 outputs and 1 input programmable dry contact, provided to the user for better power management and accident resilience.



Various Communications Available
TC provides various ways of communication
- USB B type
- RS-232

Generator Mode Compatibility
Generator mode allows wider variation in input voltage and frequency while AC generator is applied.

Flexible Communication Method
With communication slot, UPS status and scheduled action could easily be collected from system monitoring.

Accurate Message Deliver
4-line 20 character display ; High contrast monitor remains the same display sharpness while maintaing under sunshine.

Particular Information Monitoring
Customised UPS monitoring system is applied to display specific TC information simply with web browser.

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