



NETHER SERIES

MIL SPEC HI-TEMP UPS 600VA-3kVA

KEY FEATURES

Line-Interactive UPS for MIL and Transportation

Specialized for Wide Operating Temperature (-37°C to 74°C)

No Derating at Extreme Temperatures Range (-37°C to 74°C)

Six Fully Programmable Dry Contacts

Wide Input Voltage and Frequency

Specialized SNMP and MIB file support

User Friendly and Easy-Shift LCD Display



The Nether Series UPSs are design for MIL SPEC and transportation applications. The Nether Series UPS can be operated in harsh environments, with a temperature range from -37- +74C. The Nether Series UPS boasts a high performance power factor of 1.0. Programmable dry contacts for power management and control. A clear and accurate 4 line LCD message indicator displays/controls Auto Voltage Regulation (AVR), stabilizes fluctuating voltage, and an industrial mode for wide frequency and voltage.



Model	TC-650	TC-1100	TC-2000	TC-2500	TC-3000
Capacity(VA)	650 VA	1100 VA	2000 VA	2500 VA	3000 VA
Capacity(Watts)	650 W	1100 W	2000 W	2500 W	3000 W
INPUT					
Voltage	120 / 220 / 230 / 240Vac ±25%			220 / 230 / 240Vac ±25%	
Frequency	120 Vac 60Hz 220 / 230 / 240Vac 50/60Hz				
OUTPUT					
Waveform	Pure Sine Wave				
Voltage	120 Vac or 220 / 230 / 240 Vac			220 / 230 / 240 Vac	
Frequency	50 / 60 Hz ± 0.5 Hz				
Transfer Time	Normal Mode(Max)	12 ms			
	Generator Mode(Max)	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(B-Type), SNMPCard(Option)				
BATTERY					
String Voltage	24 / 48 VDC			48 VDC	
Type	Lead-acid battery				
Max Charge Current	TC-650 / 1100 10A, TC-2000 / 2500 3000 10A, (30A Option)				
INDICATORS					
LCD Display	4 line multi-function LCD				
LED Display	Output status, alarm, fault LED				
ENVIRONMENT					
Operating Temperature	-37 - 74°C				
Operating Humidity	0 - 95 % RH (Non-condensing)				
Audible Noise	Less than 50dB			Less than 60dB	
PHYSICALY					
Dimensions(WxDxH)(mm)	432 x 254 x 88.6	432 x 254 x 133	432 x 320 x 133	432 x 260 x 133	
Weight (kgs)	13	21		34	
Shipping Dimensions(mm)	540 x 388 x 233	540 x 388 x 277	540 x 454 x 277	617 x 553 x 379	
Shipping Weight (kgs)	14	23	24	46	

INVERTER MODE

The Nether Series UPS is capable of running continuously in inverter mode and provides current limit protection.

OPERATING TEMPERATURE

To meet the harsh operating environments, the Nether Series UPS is specially designed to operate in temperatures from (-37° C to +74° C), with no derating in extreme temperature range.

BUILT-IN AVR FUNCTION

Fluctuating Voltage, Brownout and other voltage problem can be stabilized through TC in-built AVR for your best interest.

GENERATOR MODE

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

COMMUNICATIONS

Control and monitor the Nether Series UPS with via USB, RS232, or SNMP.