

UPS-3000

Ruggedized, True On-Line
Uninterruptible Power Source



Features and Benefits

- Short Circuit Protection
- Double-Conversion On Line, Clean Regenerated Sinewave
- Protects against power problems including, noise, sags, surges, transients, frequency changes, high/low voltages, lightning, blackouts and harmonics. Complete Uncompromised Solution
- No break in power for blackouts
- Continuous +/- 3% output voltage regulation
- Extensive communication and Remote Control features.
- TTL Outputs for : Low Battery and AC Fail
- Dynamic Bypass handles extra high inrush start up currents
- Bypass protects for overload, over-temp & internal failures
- Non-volatile UPS memory to record power events & history
- Battery management & testing for long run time & battery life
- Complete intuitive front panel display and controls

SPECIFICATIONS

INPUT

Voltage	Redundant dual Inputs @ 120VAC, +/- 10%, 1 phase, per MIL-STD-1399. In the event of loss of input one unit will automatically switch to input two.
Frequency	47-63 Hz, per MIL-STD-1399
Isolation	Galvanic Isolation
PFC Input	Power Factor Correction
Harmonic Content	Per MIL-STD-1399

OUTPUT

Waveform	Pure Sinewave
Power rating	3000 VA
Voltage	120V \pm 3% (constant regulation)
Frequency	60 Hz \pm 0.2% Synchronized to AC utility
Distortion	<5% THD with linear loads
Current Crest Factor	3:1
Battery Hold up time	5 minutes typical at full load
Surge Protection	720 Joules
Lightning Protection	6500A, ANSI C62.41/IEEE 587 A & B

COMMUNICATION/CONTROL

RS232 two way communication
Contact closure
UPSsilon Power Analysis Software: Windows, DOS and UNIX.

PHYSICAL

Dimensions	(2) –19" Rack Mount Chassis (16.75"W) 5 ¼"H x 23"D (Inverter, 3U) 3 ½"H X 23"D (Battery, 2U)
Slide mount	Compatible with Jonathan Engineering P/N 37QD-26
Power Connections	(2) Input – MS3102-22-2P (J1, J2) (3) Output – MS3470W14-4S (J5, J6, J7)
RS232 & Alarms	DB15 connector (J3)
External battery connection	Battery In (J4)
Display	LCD type
Battle Short	Switch to override over temperature condition

ENVIRONMENTAL

Operating Temperature	0°C to 45°C
Storage Temperature	-40°C to 60°C
Humidity	0% to 95% Non-Condensing

Note: Unit designed to meet MIL-STD-1399 and MIL-STD-461



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