

ONEAC ON Series® UPS (3000 VA)



ONEAC ON Series 3000 VA UPS

The ON Series 3000 VA UPS is a versatile UPS design for voice and data networks, medical labs, retail, and industrial applications.

Isolation transformer-based, line-interactive topology provides superior protection against common power disturbances such as line noise, power failure, sag, surge, under-voltage, and over-voltage.

Virtual Kelvin Ground® eliminates full spectrum of conducted power line noise in all modes and reduces the effect of electrostatic discharge (ESD). The result is an exceptionally clean signal reference ground for electronic systems.

Dependable Technology

- Isolation transformer-based, line-interactive topology maximizes reliability.
- Virtual Kelvin Ground® provides a clean signal reference ground.
- Sinusoidal waveform
- Buck and boost compensates for momentary fluctuations in voltage.
- Automatic self-test assures the UPS system is available.
- Audible or silent alarms provide UPS and battery status.
- Separate, controllable receptacles for load shedding capability.
- Plug-and-play installation
- MopUPS® PROFESSIONAL software and cable included for successful network shutdown and remote management.
- External battery cabinets provide extended runtime capability.

Convenient Features

- Small footprint; compact, slim design conserves valuable floor and rack space.
- Flexible mounting for vertical, horizontal or 19" four-post rack-mount solutions.
- Hot-swap, user-replaceable batteries minimize replacement cost and downtime.
- Rotatable LCD display enables viewing in all mounting orientations.

Power protection for applications requiring more than typical battery back-up solutions. The ON3000 power conditioned, line-interactive UPS mitigates most common power disturbances including line noise.

Versatile Options

- ManageUPS® NET ADAPTER for network manageability; UPS monitoring; and controlling and accessing environmental information remotely via ethernet connection.

Reliable Service

- Extra assurance with a 5-year warranty. (2 year on batteries)
- 24-Hour technical support

Assured Safety & Quality

- Safety standard: UL1778
- EMC standard: FCC Class A
- ISO 9001 & ISO 14001

MODELS	ON3000
Part number	ON3000XAU-SN
Power Rating (VA/W)	3000/2100
Input voltage tolerance (VAC)	factory default: 208 V / operating range: 200-208 selectable field selectable: 230 V / 220-230-240 selectable
Output voltage (VAC)	factory default: 115/230 V factory selectable: 208 V field selectable: 110-220 or 120/240
Frequency (Hz)	60
Output current (A)	25 (120 V); 13 (230 V)
Full load heat reduction (BTU/hr)	645
Input connector*	L6-20P
Output receptacles	(9) 5-20R (T)** & (3) L6-20R (NEMA)
Internal battery	NA
Typical runtime range (UPS + 1-8 external battery cabinets)	half load 0:22 - 5:10 for full runtime details see runtime chart (942-005) full load 0:08 - 2:15
Communications software	MopUPS ^{PROFESSIONAL}
UPS dimensions HxWxD - in (cm)	7 x 17.25 x 21 (17.5 x 44 x 53)
UPS net weight - lbs (kg)	125 (57)
UPS ship weight - lbs (kg)	143 (65)
External battery cabinet part number	ONXBCU-2X217
External battery cabinet dimensions HxWxD - in (cm)	3.5 x 17.25 x 20 (8.9 x 44 x 51)
External battery cabinet net weight - lbs (kg)	72 (33)
External battery cabinet ship weight - lbs (kg)	83 (38)

* Includes a 6 foot, detachable input cord.

** "T-slot" output connector will accept either 5-15P or 5-20P plugs.

Performance Characteristics

Surge voltage withstand capability: ANSI/IEEE C62.41 Category A&B, 6 kV/ 200 & 500 Amp, 100 kHz ringwave

Surge voltage let-through (max): Less than 10 V Normal mode (L-N), less than 0.5 V Common mode (N-G) when subjected to 6 kV ANSI/IEEE C62.41 Cat. A

Normal & common mode clamping response time: Instantaneous

Transfer time (typ/max): <3.0 / 3.5 ms

Boost and buck: 2/1

Crest factor: 3:1

Total harmonic distortion (full linear load): ≤6%

Connectivity: serial RS232; USB, isolated alarm contacts

Temperature: operating: 32°F - 104°F (0°C - 40°C), storage: 5°F to 149°F (-15°C to 65°C)
Battery life is optimized at 25°C (77°F). For every 8°C (15°F) above optimum temperature, battery life is reduced by 50%.

Recharge time to 90% available capacity: 3-6 hours after full discharge to cut-off (single battery cabinet)

This company has a policy of continuous product development and improvement, and we therefore reserve the right to vary any information or specification without prior notice.

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