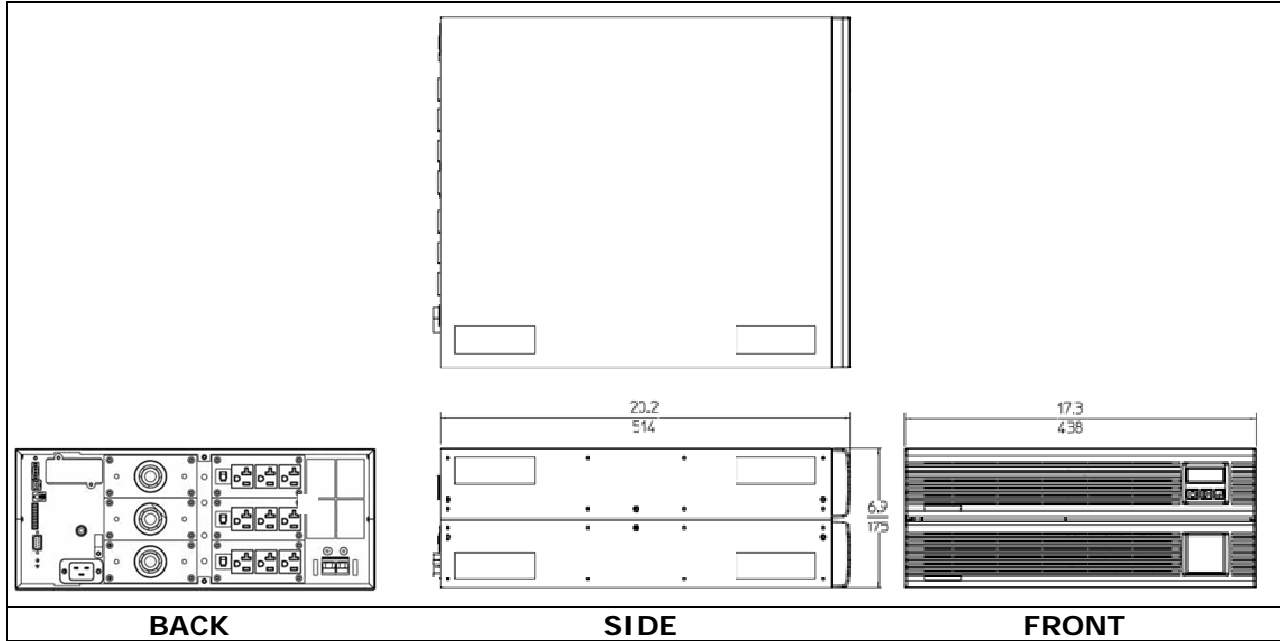


ON Series Single Phase UPS's



Model		ON3000	
Part Number	ON3000XAU-SN	ON3000XAU-30SN	
Topology	Line Interactive, Power Conditioned		
INPUT	Voltage (VAC)	208 / 230 V (User selectable)	
	Voltage Range (VAC)	172 to 268 V \pm 5% (on line mode) (User Adjustable)	
	Frequency (Hz)	60 \pm 5%	
	Input Connection	NEMA L6-20P 6 ft Cord	NEMA L6-30P 6 ft Cord
OUTPUT	Capacity	3000 VA / 2100 W	
	Voltage (VAC)	230 / 120 V, 208 / 120 (on battery mode) (User selectable)	
	Waveform	Sinewave	
	Rated Power Factor	0.7	
	Crest Factor	3:1	
	Frequency (Hz)	60 \pm 1% (on-battery)	
	Output Connection	3 X NEMA L6-20R, 9 x NEMA 5-20R	3 X NEMA L6-30R, 9 x NEMA 5-20R
EXT BATTERY	Voltage (VDC)	48.0 nominal	
	Battery	12V, 17AH Sealed Lead-Acid	
	Quantity	4 (1 string of 4)	
	Recharge Time	3-6 hours per battery cabinet to 90%	
ENVIRONMENT	Temperature (°C)	0 to 40, operating -15 to 45, transit	
	Altitude	0 - 10,000 ft, operating 0 - 50,000 ft, transit	
	Humidity	10.0% to 90.0%, non condensing	
	Cooling	Forced Air Convection	
AGENCY IES	EMC	FCC Part 15J Class A	
	Safety Agencies	UL1778 cUL to CSA22.2 No.107.1	

	RoHS	All units are RoHS compliant
OTHER	Communication	USB, RS232, Isolated Contacts, Basic Hi/Lo Signals
	Communications interface	USB type B, 9 Pin male sub D type connector
	Accessory card slot	Fits Optional ManageUPS [®] NET SNMP/WEB/Telnet interface card
	Transfer time	3 mS (typical)
	EMO	Emergency Mains Off
	Net Weight lbs (kg)	125 (57)
	Shipping Weight lbs (kg)	143 (65)

NOISE REJECTION-ISOLATION: With unit under power and an ANSI/IEEE C62.41 Cat. A ringwave applied either normal or common mode at the input, the noise output voltage will be less than 10V normal mode and less than 0.5V common mode in all four quadrants (CM-NM, NM-NM, CM-CM, NM-CM).

SURGE VOLTAGE WITHSTAND CAPABILITY: Tested under power to ANSI/IEEE C62.41 Cat. A & B (formerly IEEE587-1980). Cat. A - 6000V @ 200 amps, 0.5 usec risetime, 100 kHz decay, Cat. B - 6000V @ 500 amps, 0.5 usec risetime, 100 kHz decay

ON300XAU Compatible External (Extended Run) Battery Cabinet:

Model: ONXBCU-2X217 Description: Extended Run Battery Cabinet (4 batteries)

ON3000XAU Typical run times with external battery cabinets

Percent Capacity	Number of Battery Cabinets							
	1	2	3	4	5	6	7	8
Runtimes are expressed in hours:minutes								
Typical runtimes based on fully charged, new batteries, operating under typical load conditions								
Times estimated assuming a switch mode power supply								
Runtimes are affected by battery age, ambient temperature, site specific usage patterns and load conditions								
10	1:56	3:48	5:31	7:27	10:30	13:40	16:46	20:23
20	1:00	2:09	3:18	4:35	6:19	8:11	9:48	11:50
30	0:40	1:30	2:23	3:20	4:32	5:51	6:58	8:23
40	0:29	1:08	1:50	2:37	3:30	4:31	5:21	6:26
50	0:22	0:54	1:29	2:07	2:50	3:38	4:18	5:10
60	0:17	0:44	1:14	1:45	2:20	2:59	3:33	4:16
70	0:14	0:36	1:02	1:29	1:58	2:30	2:59	3:35
80	0:12	0:30	0:52	1:15	1:40	2:06	2:32	3:03
90	0:10	0:25	0:45	1:05	1:25	1:47	2:09	2:36
100	0:08	0:21	0:38	0:55	1:13	1:31	1:51	2:15

Battery Life Disclaimer: POWERVAR's standard battery warranty applies only to UPS and UPM products which are continuously connected to AC mains power, except during utility power outages. Products which are regularly and intentionally disconnected from AC mains power will experience battery discharge/charge cycles potentially far more numerous than those for which the battery was designed. As a result, products used in such applications will experience substantially reduced battery life. For that reason, POWERVAR's standard battery warranty does not apply for applications in which the UPS or UPM product is regularly and intentionally disconnected from AC mains power. POWERVAR UPS and UPM products used in such applications shall receive a 90 day warranty on batteries.

Warranty/Support: POWERVAR warrants the electronics and transformers used in its uninterruptible power supplies to be free from defects in materials and workmanship for a period of five years from the date of shipment. Batteries are warranted for a period of two years from the date of shipment for standby use; 90 days for cyclic use. For North American service or support on any POWERVAR product, please contact POWERVAR Technical Support at (800) 369-7179 (in Illinois call (847-596-7000). For service and support in EMEA, contact POWERVAR, Ltd. in the United Kingdom at +44 (0) 1793 553980. Or visit the POWERVAR website at www.powervar.com.

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