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Originator: Jon Landau

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Data Sheet

900-1045-00

PG1500-UPS-CDS-NB

***** **STANDALONE UPS** *****



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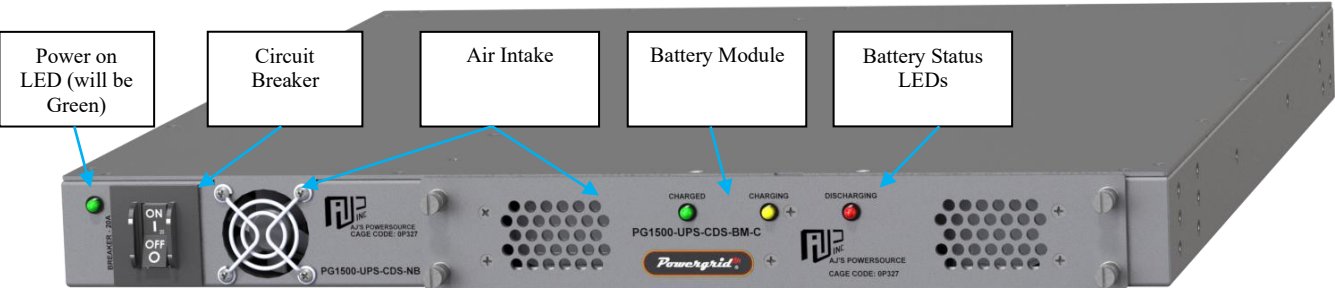
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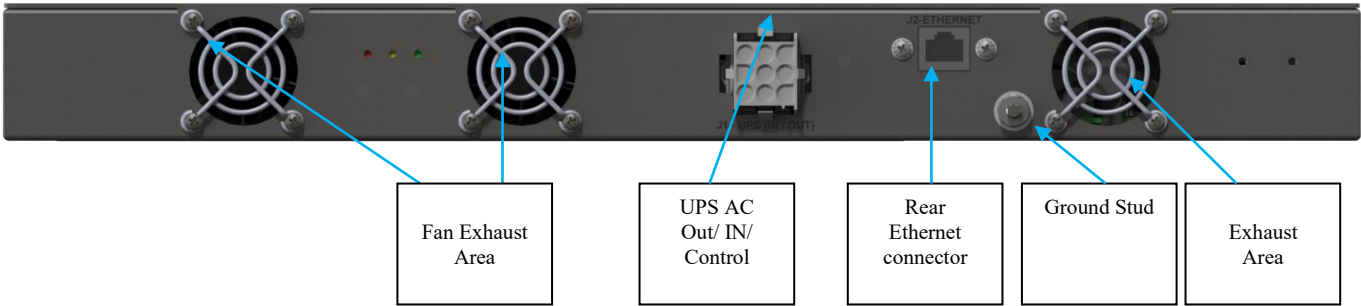
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SPECIFICATION	VALUE	UNITS
AC Output		
Rated Voltage	120 Pure Sine Wave ($\pm 5\%$)(under battery backup)	Volts
Frequency	60 ($\pm 0.25\%$)	Hertz
Rated Max. Current	10	Amps
Maximum Rated Power	1500VA (0.8PF), 1200W (w/resistive load)	
Phase	Single	
Total Harmonic Distortion	<5 (w/resistive load)	%
Run Time on Battery	4 - 6 (at 25°C, 80% Load, zero at or below 0C)	Minutes
Transfer Time to Battery	Less than 0.010	Seconds
AC Input		
Voltage Range	90 – 264	Volts AC
Frequency Range	47 – 63	Hertz
Nominal Current	11	Amps AC
Inrush Current (typical)	50	Amps AC
Power Factor (typical)	>0.98	
Leakage Current	<3	mAmps AC
Efficiency (typical)	>80 (Input to Output)	%
Conversion	Single (standby UPS)	
Battery		
Rating	48	Vdc
Type	Lithium Iron Phosphate	
Capacity	2.85	Ah
Hot-Swappable	Yes (when on AC Input)	
Replacement Time	Less than one minute	
Recharge Time	3 Hours to 95% after full discharge	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Green Power LED	Lit=Unit On, Dark=Unit Off	
Front Panel Control		
On/Off Switch	When on, enables UPS operation	
SNMP v1		
	AC Input present, Battery Status (charged, charging, discharging, 0 to 100% in 20% increments), AC Output Active, Over Temperature	

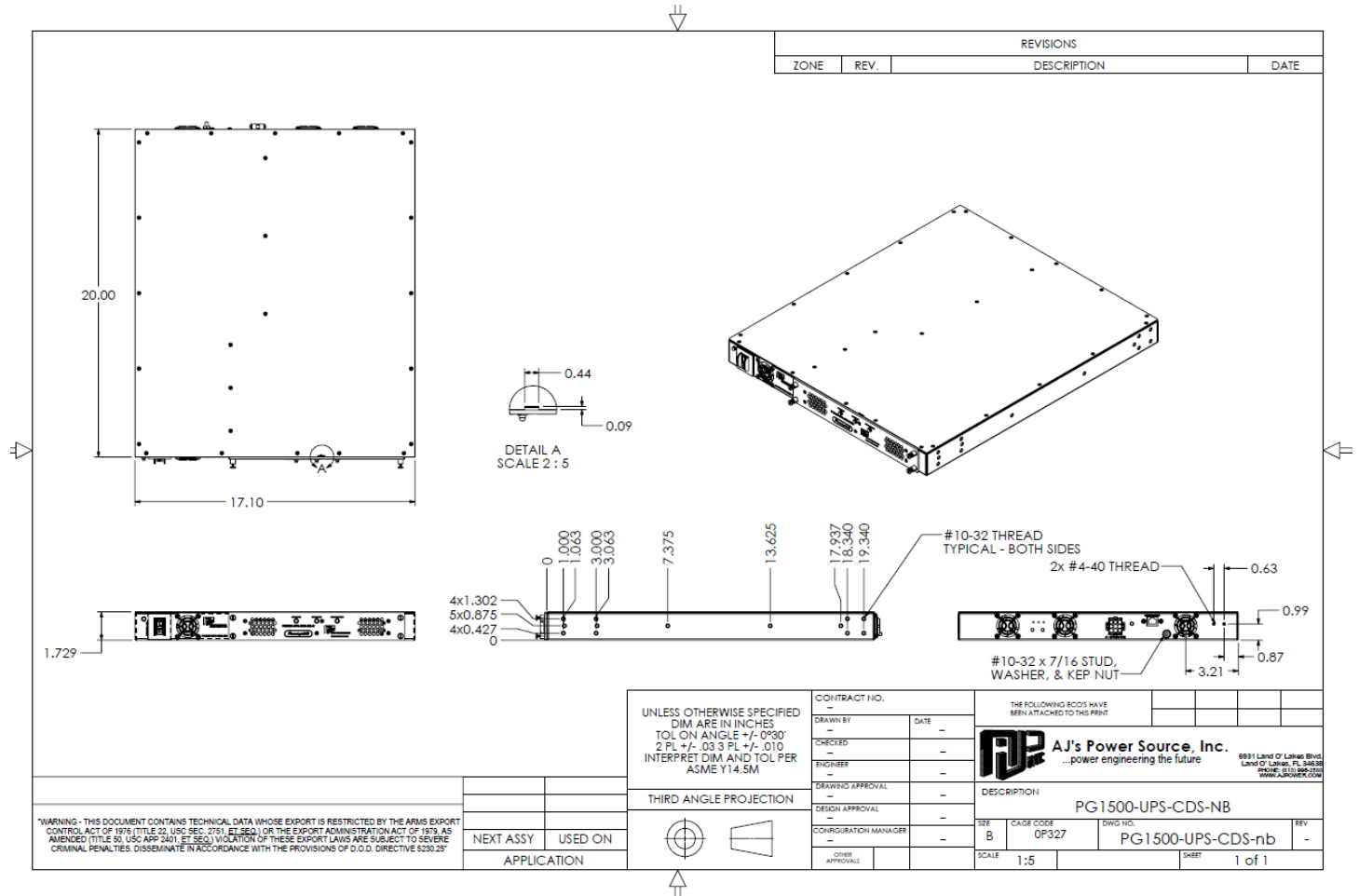
SPECIFICATION	VALUE	UNITS
Rear Connectors		
AC Output AC Input	350782-1	J1
	Function Pin Number	
	Line In 1	
	Neutral In 2	
	Safety Ground 3	
	Line Out 4	
	Neutral Out 5	
	Safety Ground 6	
	No Connection 7	
	No Connection 8	
	Enable 9	
Ethernet	RJ-45, standard Ethernet pin out (SNMP communications)	J2
Safety Ground Stud	¼ -20 Stud (Rear Panel)	
Protection		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC Input Protection	Yes	
Isolation		
AC Input to AC Output	Yes	
Environmental		
Operating Temperature Range	–20 to +50	°C
Storage Temperature Range	–40 to +70*	°C
Working Humidity	95 non-condensing*	%
Altitude	10, 000 (Operating) / 40,000 (Non-Operating)*	feet
Fungus	MIL-STD-810G, method 508*	
Sand and Dust	MIL-STD-810G* (w/Optional Filters)	
Vibration	MIL-STD-810G*	
Functional Shock	MIL-STD-810G*	
	* Designed to meet, lab testing required for formal certification	
Physical Properties		
Dimensions	1.729H x 17.1W x 20D	inch
Mounting	1U 19 Inch Rack (adjustable mounting depth)	
Weight	27	lbs.
Material	Aluminum	
Color/Finish	Gray	



PG1500-UPS-CDS-NB
Front View



PG1500-UPS-CDS-NB
Rear View



PG1500-UPS-CDS-NB Mechanical Drawing