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Originator: Jon Landau

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Data Sheet

PG1500-UPS-6N



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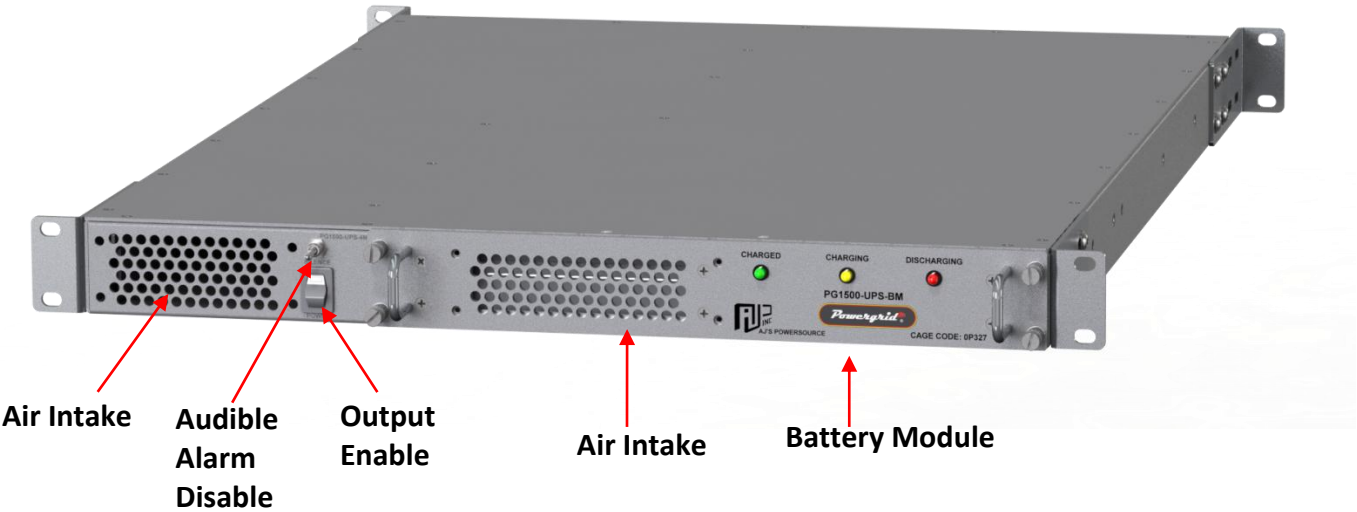
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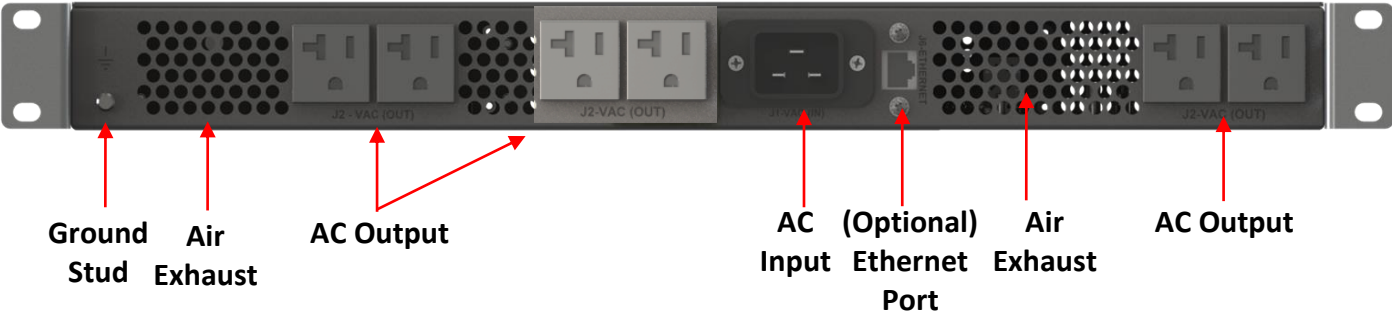
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SPECIFICATION	VALUE	UNITS
AC Output		
Rated Voltage	120 Pure Sine Wave ($\pm 5\%$)	Volts
Frequency	60 ($\pm 0.25\%$)	Hertz
Rated Max. Current	10	Amps
Maximum Rated Power	1500VA (0.8PF), 1200W (w/resistive load)	
Phase	Single	
Total Harmonic Distortion	< 5 (w/resistive load)	%
Run Time on Battery	> 12 (at 25°C, 80% Load, zero at or below 0°C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion.	
AC Input		
Voltage Range	90 – 264	Volts AC
Frequency Range	47 – 63	Hertz
Nominal Current	14 @ 115V	Amps AC
Inrush Current (typical)	50	Amps AC
Power Factor (typical)	> 0.98	
Leakage Current	< 3 @ 230VAC	mAmps AC
Efficiency (typical)	> 80	%
Conversion	Double	
Battery		
Rating	48	Vdc
Type	Lithium Iron Phosphate	
Hot-Swappable	Yes (when on AC Input)	
Replacement Time	Less than one minute	
Recharge Time	≤ 5 Hours after full discharge	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Switch LED	Green=Unit On (Output enabled)	
Discharge mode sounder	Front panel audible sounder goes active when unit is in discharge (AC input not present, output is enabled)	
Front Panel Control		
On/Off Switch	When on, enables UPS output	
Alarm Disable	Enable/disable the audible alarm sounder	
SNMP v3 (Optional)		
	AC Input present, Battery Status (charged, charging, discharging), AC Output Active, Over Temperature	

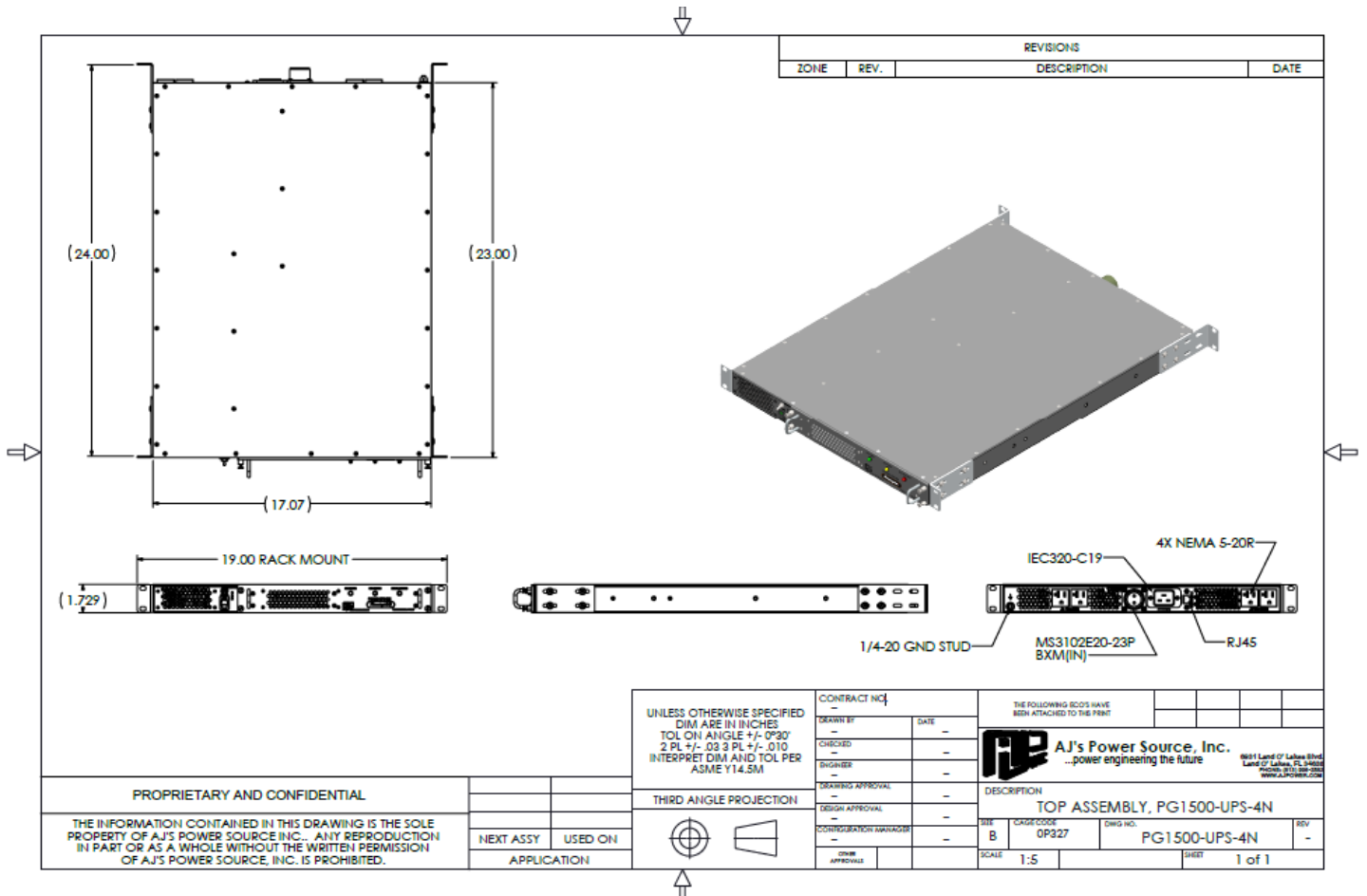
SPECIFICATION	VALUE	UNITS
Rear Connectors		
AC Output	6 x NEMA 5-15/20R receptacles	J2
AC Input	IEC 320/C20 male inlet Supplied with 6 foot input cord terminated with NEMA 5-15P	J1
Ethernet (Optional)	RJ-45, standard Ethernet pin out (SNMP communications)	J3
Safety Ground Stud	¼ -20 Stud (Rear Panel)	
Protection		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC Input Protection	Yes	
Isolation		
AC Input to AC Output	Yes	
Physical Properties		
Dimensions	1.73H x 17.07W x 23.00D	inch
Mounting	1U 19 Inch Rack (adjustable mounting depth)	
Weight	≤27	lbs.
Material	Aluminum	
Color/Finish	Gray	
Environmental		
Operating Temperature Range	-20 to +50*	°C
Storage Temperature Range	-40 to +65*	°C
Working Humidity	95 non-condensing*	%
Altitude	10, 000 (Operating) / 40,000 (Non-Operating)*	feet
Fungus	No fungus promoting materials used	
Vibration	MIL-STD-810G*	
Functional Shock	MIL-STD-810G*	
	* Designed to meet, lab testing required for formal certification	



PG1500-UPS-6N
Front View



PG1500-UPS-6N
Rear View



PG1500-UPS-6N
Mechanical Drawing
(PG1500-UPS-4N Shown, PG1500-UPS-6N Similar)