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Data Sheet
PG3000-UPS-HR Rev B



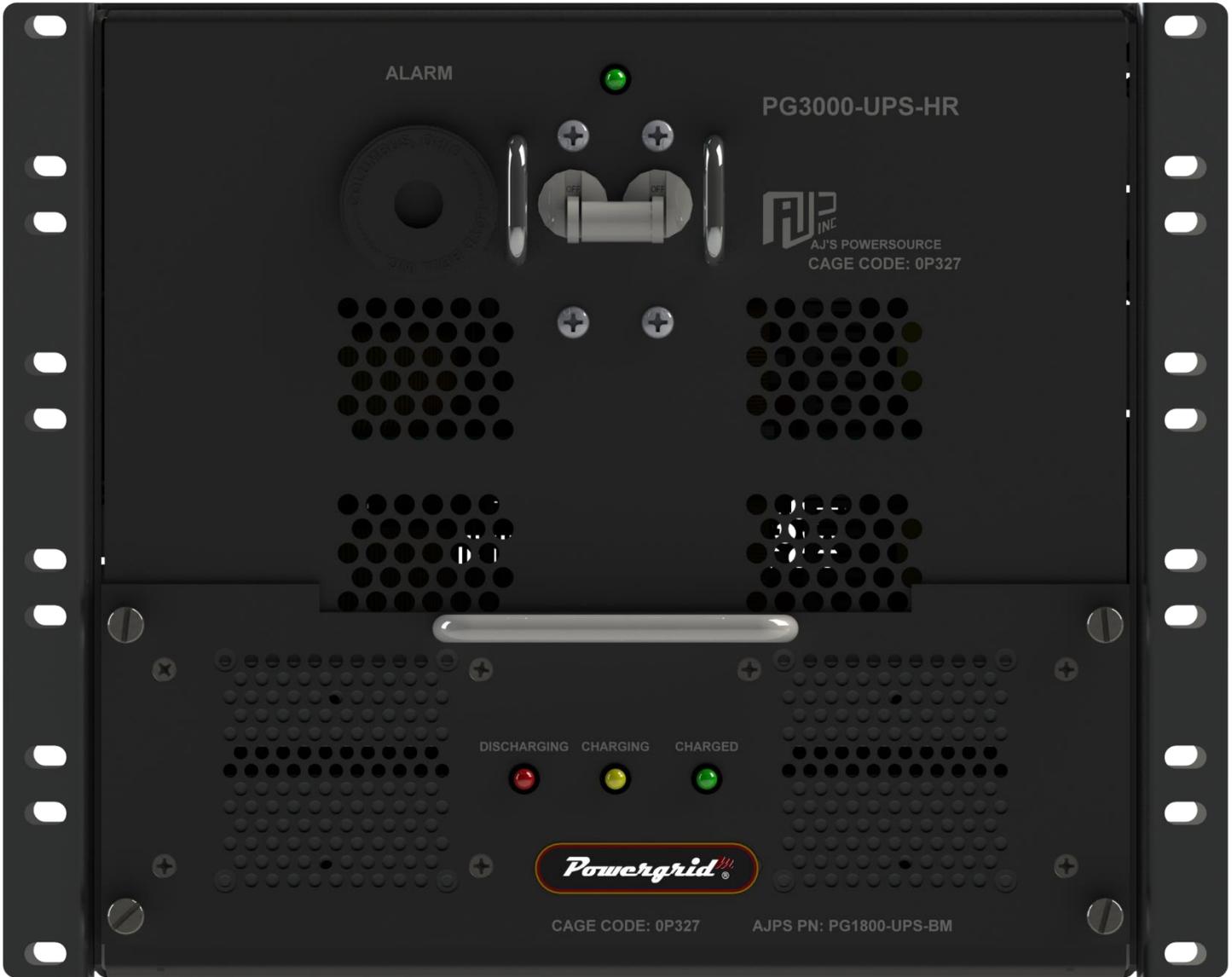
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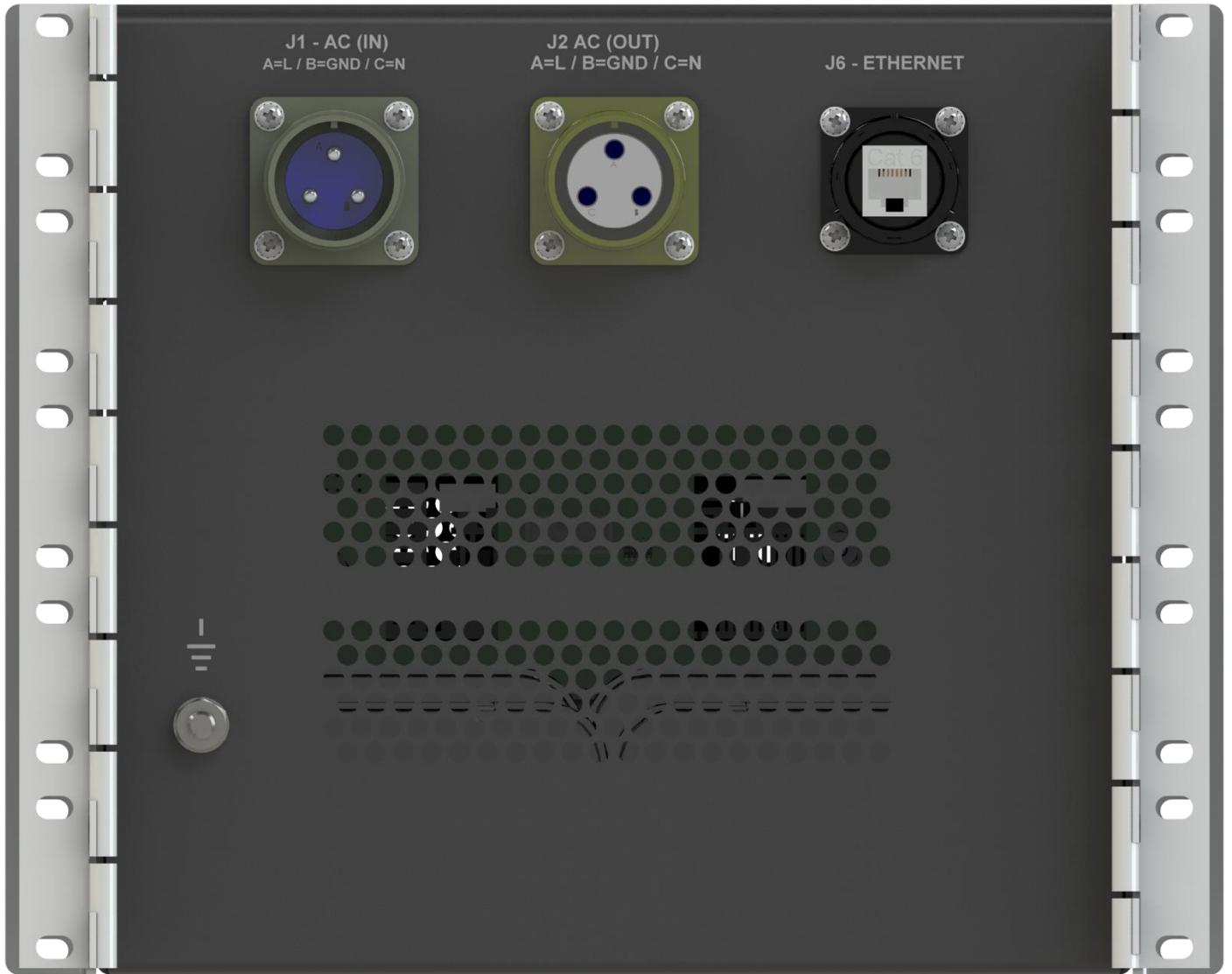
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SPECIFICATION	VALUE	UNITS
AC Output		
Rated Voltage	120 Pure Sine Wave ($\pm 5\%$)	Volts
Frequency	60 ($\pm 0.25\%$)	Hertz
Rated Max./Continuous Current	20 / 16.7	Amps
Maximum Rated Power	2400W (w/resistive load)	
Continuous Power Rating	2000W (w/resistive load)	
Phase	Single	
Total Harmonic Distortion	<5 (w/resistive load)	%
Run Time on Battery	>/=21 (1600W @ 25C, 0W at or below 0C) >/=17 (2000W @ 25C, 0W at or below 0C) >/=14 (2400W @ 25C, 0W at or below 0C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range	100 – 240 (phase to phase or phase to neutral)	Volts AC
Nominal Voltage	115/230	Volts AC
Frequency Range	47 – 63	Hertz
Nominal Current	25 @ 120V, 2400W load	Amps AC
Inrush Current (typical)	50	Amps AC
Power Factor (typical)	>0.98 (full load)	
Leakage Current	<3	mAmps AC
Efficiency (typical)	>80 @ 120VAC (Input to Output)	%
Conversion	Double	
Battery		
Rating	48	Vdc
Type	Lithium Iron Phosphate	
Capacity	15	Ah
Hot-Swappable	Yes (when on AC Input)	
Replacement Time	Less than one minute	
Recharge Time	5 Hours to 95% after full discharge	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Switch LED	Green=Unit On	
Front Panel Control		
On/Off Circuit Breaker	When on, enables UPS output	30 Amp
Alarm Disable	Enable/disable the audible alarm sounder, cover and release in order to silence	

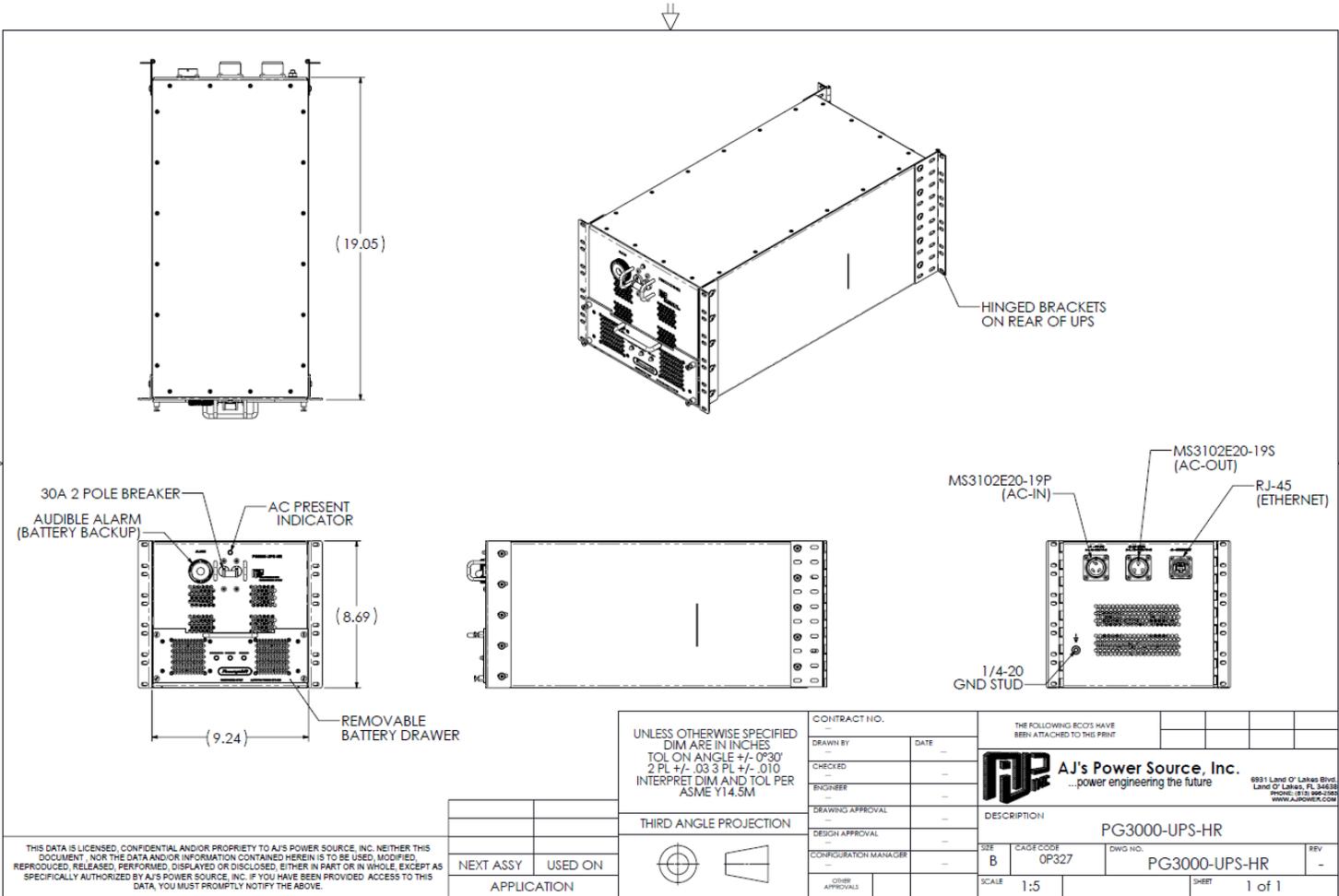
SPECIFICATION	VALUE	UNITS
SNMP v3		
	AC Input present, Battery Status (charged, charging, discharging), AC Output Active, Over Temperature	
Rear Connectors		
AC Output	1 x MS3102E20-19S Pin A=Line, Pin B=Ground, Pin C=Neutral	J2
AC Input	1 x MS3102E20-19P Pin A=Line, Pin B=Ground, Pin C=Neutral	J1
	Pin A = Line, Pin B = Ground, Pin C = Neutral	
Ethernet	RJ-45, standard Ethernet pin out (SNMP communications)	J6
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, Double	
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
Vibration	MIL-STD-810G*	
Functional Shock	MIL-STD-810G*	
EMI		
MIL-STD-461F	CE102, RE102*	
	* Designed to meet, lab testing required for formal certification	
Physical Properties		
Dimensions	8.68H x 9.24W x 19.05D	inch
Mounting	5U Half Rack (adjustable mounting depth)	
Weight	~45	lbs.
Material	Aluminum	
Color/Finish	Gray	



**PG3000-UPS-HR
Front View**



PG3000-UPS-HR
Rear View



**PG3000-UPS-HR
 Mechanical Drawing**