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Data Sheet
PG3000-UPS-RSD



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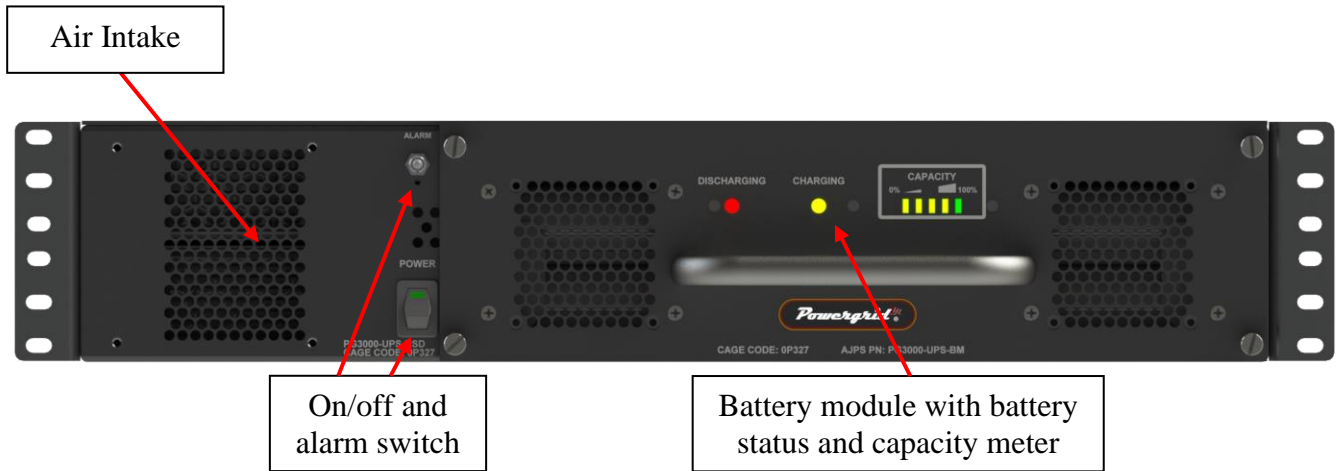
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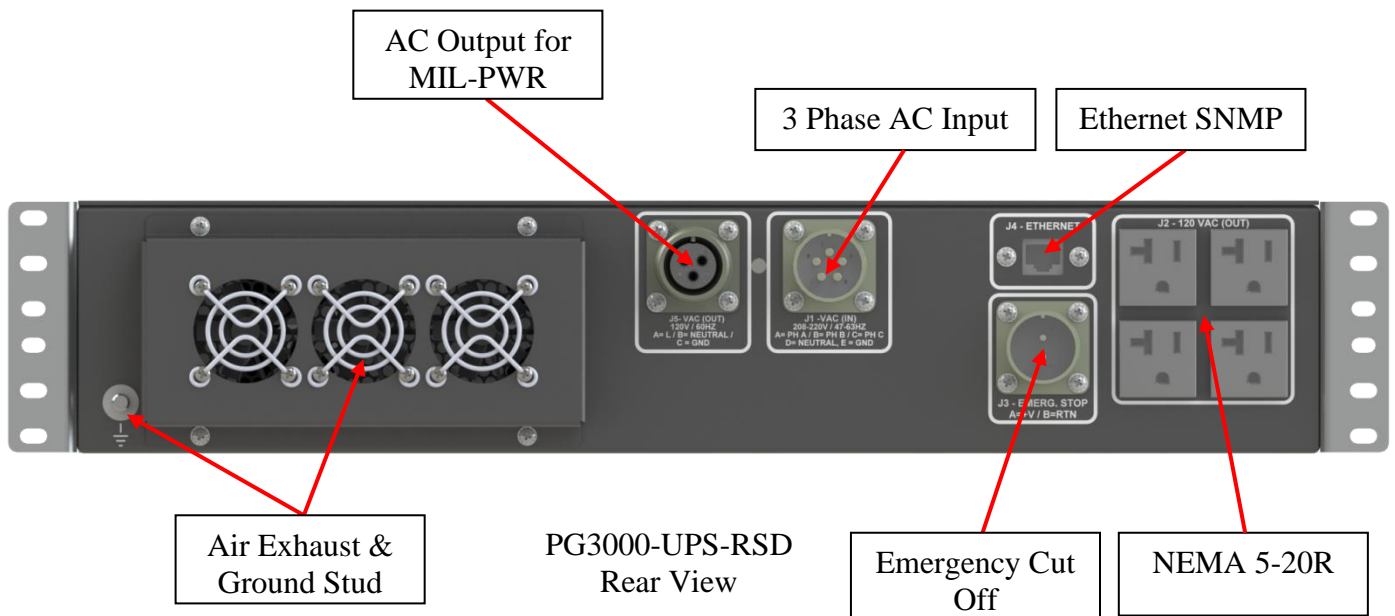
SPECIFICATION	VALUE	UNITS
AC Output		
Rated Voltage	120 True Sine Wave ($\pm 3\%$)	Volts
Frequency	60 ($\pm 0.5\%$)	Hertz
Rated Max. Current Continuous	20 (RMS, 1.0 PF)	Amps
Maximum Output Power	125% under temperature control 150% for maximum 20 seconds	
Current Range	0 – 20	Amps
Max. Rated Power	3000	VA
	2400	Watts
Total Harmonic Distortion	3<% (w/resistive load)	%
Run Time on Battery	≥ 12 (@ 25C, 80% load, zero at or below 0C)	Minutes
AC Input		
Voltage Range	208 – 220, 3 Phase WYE	Volts AC
Frequency Range	47 – 63, 400 (400Hz, 115Vac only)	Hertz
Nominal Current	15@208V	Amps AC
Inrush Current (typical)	100 (maximum)	Amps AC
Power Factor (typical)	>0.98 @115VAC / >0.95 @230VAC (full load)	
Leakage Current	<4.0 @230VAC	mAmps AC
Efficiency (typical)	>80 @ 120VAC (Input to Output)	%
Conversion	Double On-Line	
Isolation		
AC Input to AC Output	3,000 minimum	VAC
MTBF	$>50,000$ (Calculated Per MIL-HDBK-217)	Hours
Printed Circuit Board Coating		
	Urethane base conformal coating	

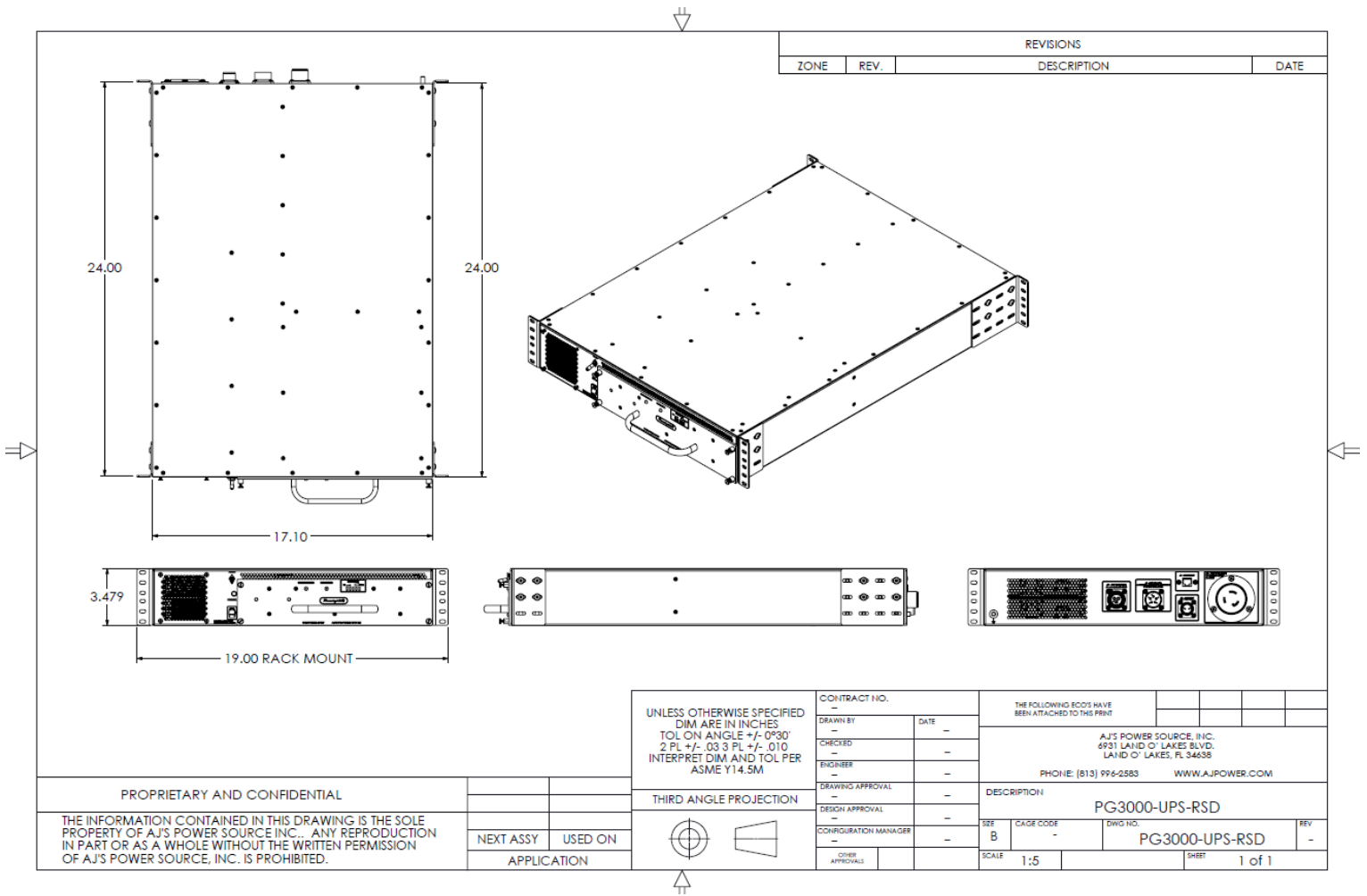
SPECIFICATION	VALUE	UNITS
Environmental		
Operating Temperature Range	Down to -46 if run from -20 or higher at full load, will start at -20 or higher with or without a load, up to +54 (75% Load Derating @+54), No UPS battery output under 0.	°C
Storage Temperature Range	-46 to +85	°C
Working Humidity	90, non-condensing*	%
Altitude	10, 000 (Operating) / 40,000 (Non-Operating)	feet
Sand and Dust	MIL-STD-810G (w/Filters)*	
Vibration	MIL-STD-810G, 514.6, CAT 5, 7, 8, 9, 24*	
Functional Shock	MIL-STD-810G, 516.6, Proc 1, 4, 6*	
Connectors		
AC Output	ITS3102R16-10SB1 Pin A= Line, Pin B= Neutral, Pin C= Ground 4 x NEMA 5-20R	J5 J2
AC Input	ITS3102R16S-8PB1 Pin A=Phase A, Pin B=Phase B, Pin C=Phase C, Pin D=Neutral, Pin E= Earth Ground	J1
Ethernet	Standard RJ-45 connection	J4
Emergency Cut Off	ITS3102R16S-4PB1 (Pin B positive with respect to Pin A) (normally open circuit, short pins to disable UPS output)	J3
Dimensions	3.48H x 17.1W x 24.0D (Not including Handles or Rack Mounts)	inch
Mounting	2U 19 Inch Rack	
Weight	~50	lbs.
Material	Aluminum	
Color / Finish	Black #F63-B70 / Light Texture	
Ground Stud	¼" x 0.5 inch, use ¼" ID Ring Terminal, 18AWG Minimum	
Remote Status		
Signal Monitoring	SNMPv3 (classified network)	
	Status: AC Present, AC Output Present, Battery Charged, Battery Charging, Battery Discharging, Temp Status	
Battery Technology		
	Lithium Iron Phosphate (LiFePO4) packs	
	51.2V/10.4Ah rating total	

* Designed to meet these environments, Demonstrated or Lab testing optional



PG3000-UPS-RSD
Front View





PG3000-UPS-RSD
 Mechanical Drawing

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