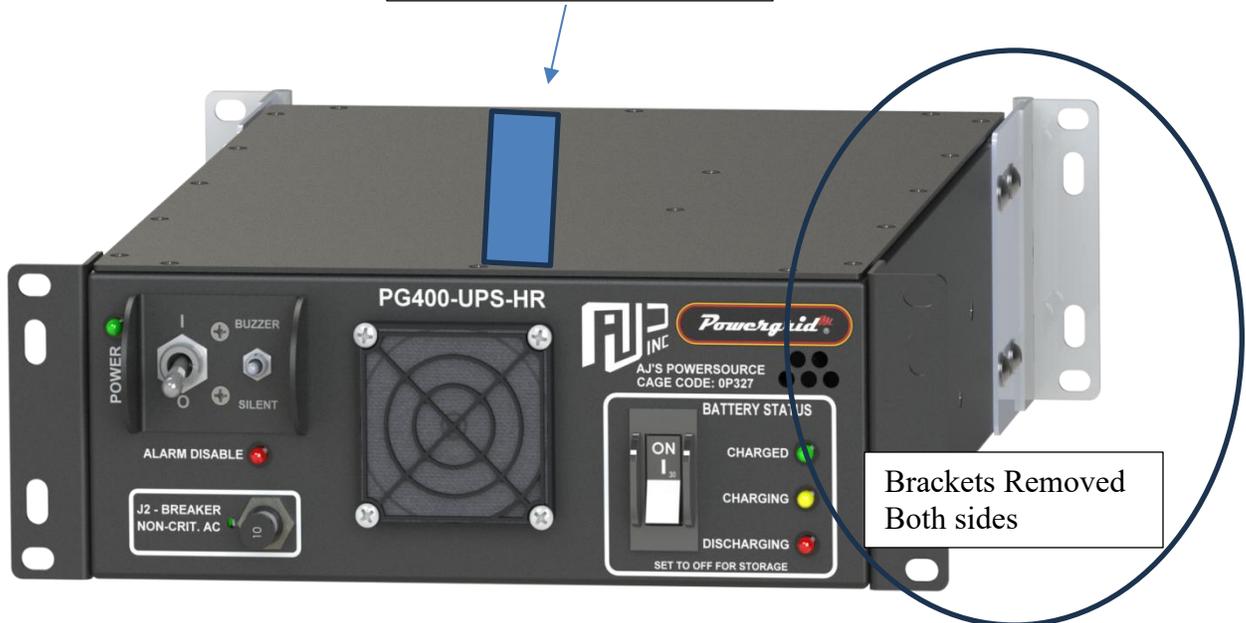


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Data Sheet
PG400-UPS-HR-HDL

(Preliminary)

Handle to be added to top



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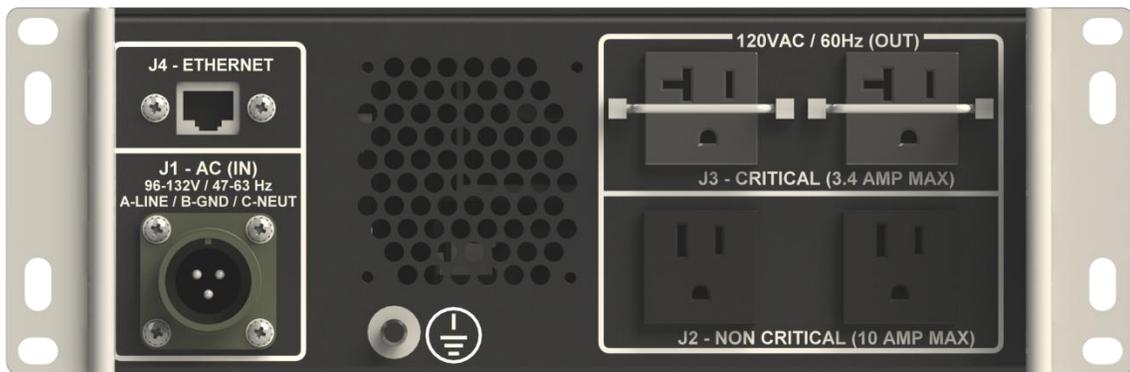
SPECIFICATION	VALUE	UNITS
AC Output		
Rated Voltage	120 Pure Sine Wave ($\pm 2\%$)	Volts AC
Frequency	60 ($\pm 0.25\%$)	Hertz
Rated Max. Current	3.4	Amps
Max. Rated Power	400	Watts
Phase	Single	
Total Harmonic Distortion	<5% (w/Resistive Load)	%
Run Time on Battery	>8 @ 25°C, 80% Load (zero output below 0C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range (Universal)	90-264	Volts AC
Frequency Range	47 - 63	Hertz
Nominal Current	6 @ 120Vac	Amps AC
Inrush Current (typical)	40	Amps AC
Efficiency (typical)	≥ 80	%
Power Factor (typical)	>0.95	
Leakage Current	<3 @ 120VAC	mAmps AC
Conversion	Double, On-Line	
Isolation		
AC Input to AC Output	Yes	
Internal Battery Module		
Rating	28	Vdc
Ampacity	2.6	Ah
Type	Lithium Iron Phosphate	
Recharge Time	3 - 4 Hours to 95% after full discharge	
Protection		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC Input Protection	Yes	
Lightning Protection	Yes	

SPECIFICATION	VALUE	UNITS
SNMP v3	AC Input present, Battery Status (charging, discharging, charged), AC Output Active, Over Temperature	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Power LED	Green=Unit On	
Alarm Status Indicator	When lit RED, Alarm is disabled	
Front Panel Control		
On/Off Switch	When UP, enables UPS output, when in DOWN position, no AC output is present on any connectors	
Battery Disconnect	Disconnects internal battery from circuit, prevents discharge during storage, ON=battery in service, OFF=Battery disconnected(storage mode)	
Non-Critical Output Circuit Breaker	Push/Pull, 10 (Note: to be removed)	Amp
Alarm Disable Switch	UP means audible alarm is enabled, DOWN means audible alarm is disabled	
Connectors		
AC Output – Non-Critical (Pass Through from Input, not present on battery power)	2 x NEMA 5-15R Receptacles (Note: to be removed)	J2
AC Output - Critical (active on battery power)	4 x NEMA 5-20R Receptacles	J3
AC Input	IEC320/C14 Receptacle	J1
Ethernet Port	Standard RJ-45	J4
Safety Ground	¼ -20 Stud (Rear Panel)	
Environmental		
Operating Temperature Range	-20 to +54 (75% Load Derating (300W) from 50 to 54)*	°C
Storage Temperature Range	-40 to +70*	°C
Operating Humidity	95 non-condensing*	%
Altitude	10, 000 (Operating) / 40,000 (Non-Operating)*	feet
Fungus	No fungus promoting materials used	
Sand and Dust	MIL-STD-810G* (Front panel re-useable filter installed)	
Vibration	MIL-STD-810G, Method 514.6, Category 20, Figure 514.6C-3, Table 514.6C-VI*	
Functional Shock	MIL-STD-810G, Method 516.6, Procedure I, Section 4.6.2.3 and Table 516.6-I, Ground Equipment*	
Other Specifications		
Startup Time	<30	Seconds
Cooling	Front Panel Intake & Rear Exhaust Airflow	
MIL-STD 461F*	Compliant CE102, CS114/115/116, CS101 & RS103	
MTBF	>102,000 (Calculated per MIL-HDBK-217)	Hours

	* Designed to meet, formal report requires lab testing at additional expense	
SPECIFICATION	VALUE	UNITS
Physical Properties		
Dimensions	3.45H x 8.81W x 13D	inch
Mounting	2U Height, 14 Inch Depth, Half Rack	
Mounting Hardware	Front Front/Hinged Rear Brackets	
Weight	12.0	lbs.
Material - Chassis	Aluminum	
Color/Finish - Chassis	Black #F63-B70 / Light Texture	
Color/Finish - Brackets	Front Black Anodized / Rear Unfinished Stainless Steel	

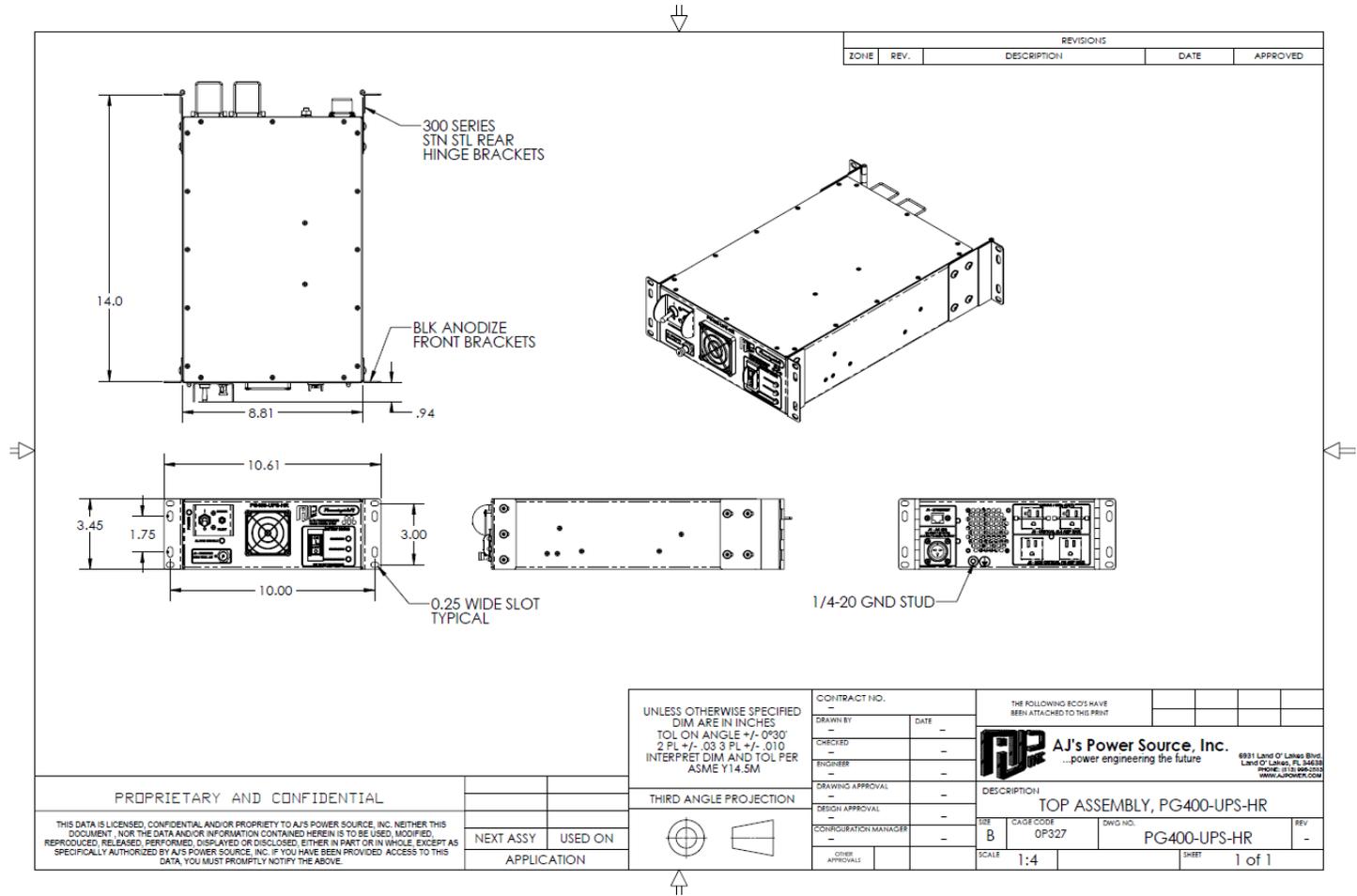


PG400-UPS-HR-HDL
Front View



All 4 NEMA 5-20R outlets will have full UPS function. Non-Critical outlets removed

PG400-UPS-HR-HDL
Rear View



PG400-UPS-HR-HDL (Example) – New drawing needed for update Mechanical Drawing