

Document Number: 140418JL	Originator: Nigel Pearson	Date: November 7, 2022
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Data Sheet
PG400-UPS-HR-DC24



Document Number: 120514JL	Originator: / Sign:	Approved By: / Sign:
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Creation Date: 07 May 2012	Reference ECO:	Document Number Rev Level: D
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SPECIFICATION	VALUE	UNITS
<b>DC Output</b>		
Rated Voltage	24 +/-2%	Vdc
Rated Max. Current	21	Adc
Max. Rated Power	500	Watts
Run Time on Battery	>6 @ 25°C, 80% Load (zero output below 0C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
<b>AC Input</b>		
Voltage Range (Universal)	90-264	Volts AC
Frequency Range	47 - 63	Hertz
Nominal Current	4 @ 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	
<b>Isolation</b>		
AC Input to DC Output	Yes	
<b>Internal Battery Module</b>		
Rating	28	Vdc
Ampacity	2.50	Ah
Type	Lithium Iron Phosphate	
Recharge Time	3 - 4 Hours to 95% after full discharge	
<b>Protection</b>		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC Input Protection	Yes	
Lightning Protection	Yes	

SPECIFICATION	VALUE	UNITS
<b>SNMP v3</b>	AC Input present, Battery Status (charging, discharging, charged), DC Output Active, Over Temperature	
<b>Front Panel Indicators</b>		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Power LED	Green=Unit On	
Alarm Disabled LED	Red=Alarm Disabled	
<b>Front Panel Control</b>		
On/Off Switch	When On, enables UPS output, when in off position, no DC output is present	
Battery Disconnect	Disconnects internal battery from circuit, prevents discharge during storage, OUT=Battery Disconnected, IN=Battery In Service	
Audible Alarm	Toggle switch, up enables audible alarm, down disables	
<b>Connectors</b>		
DC Output	1 x MS3102E20-4S, Pin A,B= +Vout, Pin C,D= Return	J2
AC Input	1 x MS3102E16-10P. A= Line, B=Ground, C =Neutral	J1
Ethernet Port	Standard RJ-45	J3
Safety Ground	¼ -20 Stud (Rear Panel)	
<b>Environmental</b>		
Operating Temperature Range	-20 to +55*	°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*	
<b>Other Specifications</b>		
Startup Time	<30	Seconds
Cooling	Front Panel Intake & Rear Exhaust Airflow	
MIL-STD 461F*	Compliant with CE102, CS114/115/116, CS101 & RS103	
MTBF	>102,000 (Calculated per MIL-HDBK-217)	Hours
	<b>* Designed to meet, formal report requires lab testing at additional expense</b>	

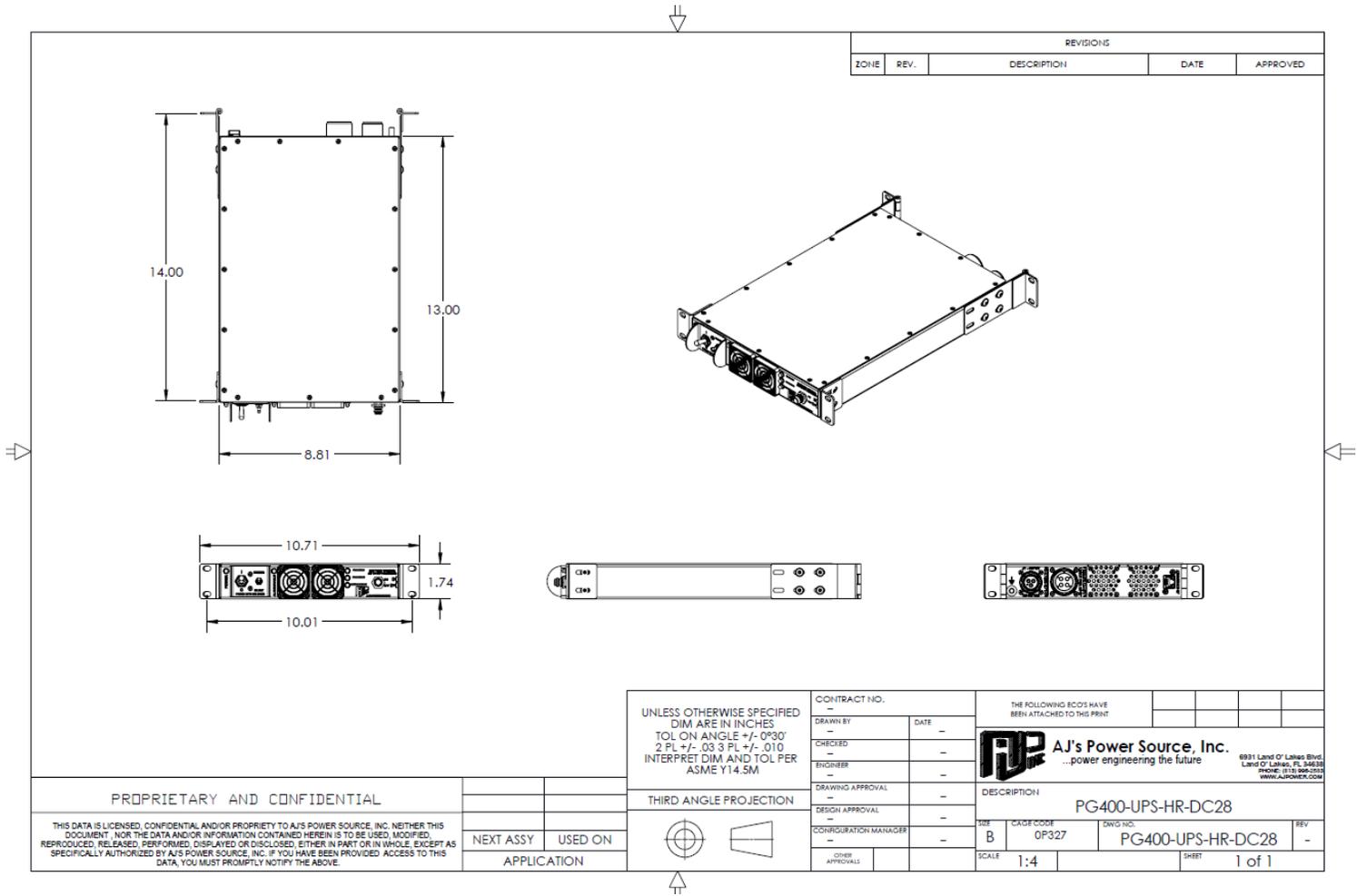
SPECIFICATION	VALUE	UNITS
<b>Physical Properties</b>		
Dimensions	1.74H x 8.81W x 13D	inch
Mounting	1U Height, 14 Inch Depth, Half Rack	
Mounting Hardware	Hinged Rear Brackets	
Weight	12.0	lbs.
Material	Aluminum	
Color/Finish	Black #F63-B70 / Light Texture	



**PG400-UPS-HR-DC24**  
**Front View**



**PG400-UPS-HR-DC24**  
**Rear View**



**PG400-UPS-HR-DC24  
 Mechanical Drawing**