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Data Sheet
900-0XXX-00
PG1500-UPS-HR-DC28-3U



Document Number: 120514JL	Originator: / Sign:	Approved By: / Sign:
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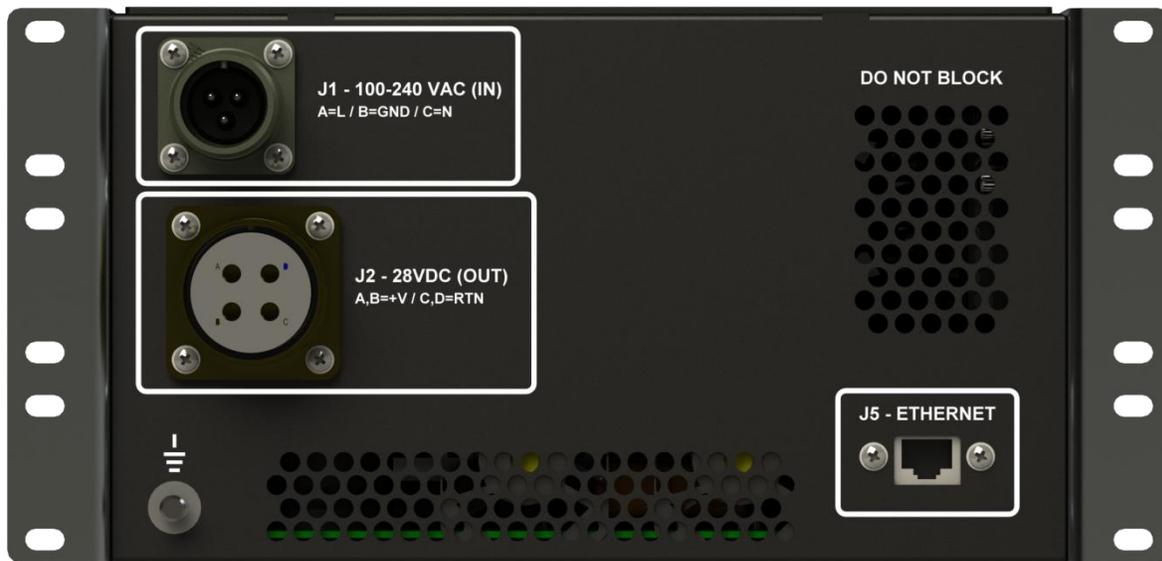
SPECIFICATION	VALUE	UNITS
DC Output		
Rated Voltage	28	Vdc
Rated Max. Current	48	Adc
Max. Rated Power	1350	Watts
Run Time on Battery	>10 @ 25°C, 80% Load (zero output below 0C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range (Universal)	90 - 264	Volts AC
Frequency Range	47 - 63	Hertz
Nominal Current	14 @ 120Vac	Amps AC
Inrush Current (typical)	40	Amps AC
Efficiency (typical)	≥75	%
Power Factor (typical)	>0.95	
Leakage Current	<3 @ 120Vac	mAmps AC
Conversion	Double, On-Line	
Isolation		
AC Input to DC Output	Yes	
Internal Battery Module		
Rating	28	Vdc
Ampacity	11.4	Ah
Type	Lithium Iron Phosphate	
Recharge Time	6 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), DC Output Active, Over Temperature	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Power LED	Green=Unit On	
Alarm Disable LED	Red=Alarm Disabled	
Front Panel Control		
On/Off Switch	Toggle switch when UP, enables UPS output, when DOWN, no DC output is present, batteries charge when AC input is present	
Audible Alarm	Toggle switch, UP enables audible alarm, DOWN disables audible alarm	
Connectors		
DC Output	1 x MS3102E22-22S, 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)	
Environmental		
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 filters 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 with 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	5.235H x 8.957W x 13.144D	inch
Mounting	3U Height, 14 Inch Depth, Half Rack	
Mounting Hardware	Fixed Aluminum Front & Hinged Rear Brackets	
Weight	14.0	lbs.
Material	Aluminum	
Color/Finish	Black #F63-B70 / Light Texture	

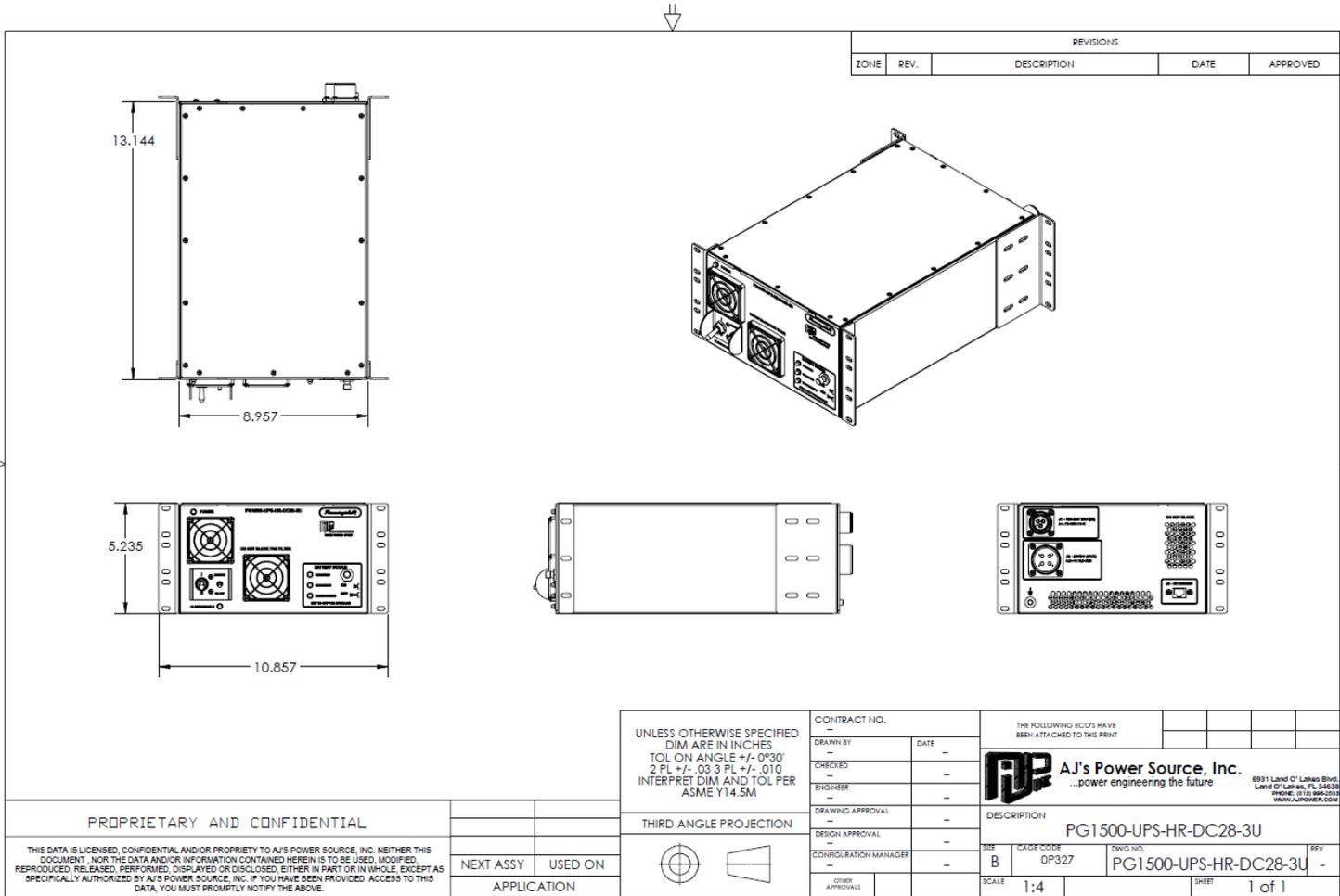


PG1500-UPS-HR-DC28-3U
Front View



Brackets will be changed to hinged type

PG1500-UPS-HR-DC28-3U
Rear View

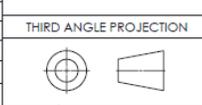


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NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
 DIM ARE IN INCHES
 TOL ON ANGLE +/- 0°30'
 2 PL +/- .03 3 PL +/- .010
 INTERPRET DIM AND TOL PER
 ASME Y14.5M



CONTRACT NO.	
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DESCRIPTION PG1500-UPS-HR-DC28-3U	
SIZE B	CAGE CODE 0P327
DWG NO. PG1500-UPS-HR-DC28-3U	REV -
SCALE 1:4	SHEET 1 of 1

**PG1500-UPS-HR-DC28-3U
 Mechanical Drawing**