AJPS INC.
6931 Land O Lakes Blvd
Land O Lakes FL 34638
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Doc. Name: PG400-UPS-HR-DC24-NB
Form Number: 690-0940-00

Document Number: 140418JL	Originator: Jon Landau	Date: February 27th, 2019

Data Sheet

PG400-UPS-HR-DC24-NB

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
DC Output		
Rated Voltage	24 +/-2%	Vdc
Rated Max. Current	14.6	Adc
Max. Rated Power	350	Watts
Run Time on External Battery (PG-BAT-EXT)	>70 @ 25°C, 80% Load (zero output below 0C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range (Universal)	100 - 240	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	
Isolation		
AC Input to DC Output	Yes	
Internal Battery Module	**Not Applicable**	
Protection		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC Input Protection	Yes	

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SPECIFICATION	VALUE	UNITS
SNMP v3		
	AC Input present, DC Input Present, DC Output Active, Over Temperature	
Front Panel Indicators		
Power LED	Green=Unit On	
Alarm Disabled LED	Red=Alarm Disabled	
Front Panel Control		
On/Off Switch	When On, enables UPS output, when in off position, no DC output is present	
Audible Alarm	Toggle switch, up enables audible alarm, down disables	
Connectors		
DC Output	1 x MS3102E20-4S, Pin A,B= +Vout, Pin C,D= Return	J2
AC Input	1 x MS3102E16-10P Pin A= Line, Pin B=Ground, Pin C =Neutral	J1
DC Input	1 x MS3102E16-11P, Pin A=+Vin, Pin B=Vin RTN	J4
Ethernet Port	Standard RJ-45	J3
Safety Ground	¼ -20 Stud (Rear Panel)	
Environmental		
Operating Temperature Range	–20 to +55*	^{0}C
Storage Temperature Range	-40 to +70*	^{0}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 *	
Functional Shock	MIL-STD-810G *	
Other Specifications		
Startup Time	<30	Seconds
Cooling	Front Panel Intake & Rear Exhaust Airflow	
	* **Designed to meet, formal report requires lab testing at additional expense**	

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SPECIFICATION	VALUE	UNITS
Physical Properties		
Dimensions	1.74H x 8.81W x 13D	inch
Mounting	1U Height, 14 Inch Depth, Half Rack	
Mounting Hardware	Hinged Rear Brackets	
Weight	10.0	lbs.
Material	Aluminum	
Color/Finish	Black #F63-B70 / Light Texture	

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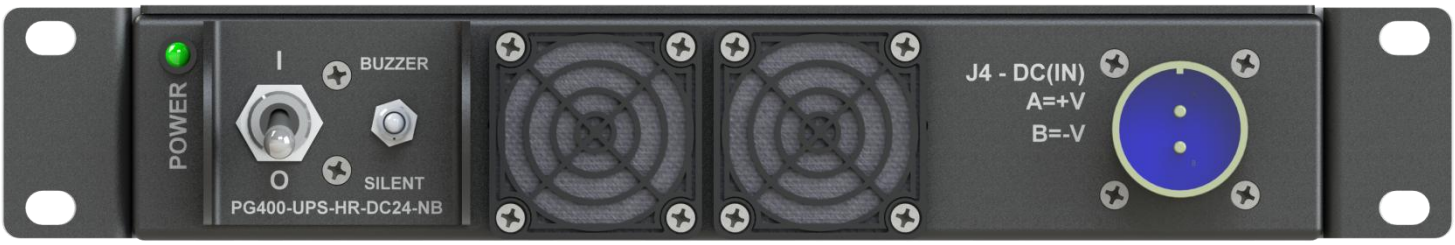

PG400-UPS-HR-DC24-NB
Front View

PG400-UPS-HR-DC24-NB
Rear View

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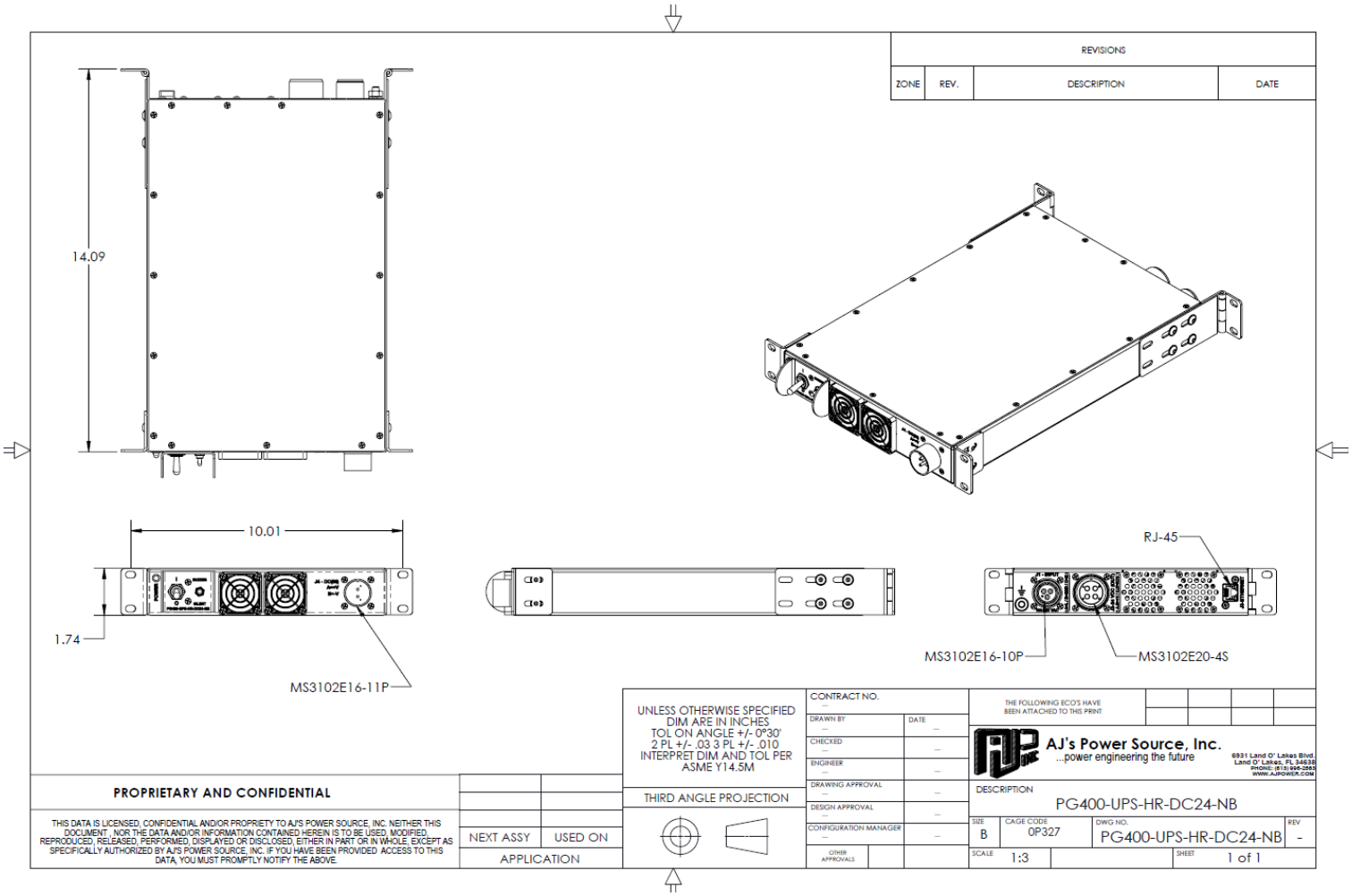

PG400-UPS-HR-DC28
Mechanical Drawing

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