

AJPS Inc.
6931 Land O Lakes Blvd.
Land O Lakes, FL 34638
813-996-2583
813-996-5037 (Fax)



Power Engineering The Future

Shelter Based Standalone PG1500 UPS

SPECIFICATION	VALUE	UNITS
	Model: PG1500-UPS-220, 1U 1500VA UPS Module	
AC Output		
Rated Voltage	230 Pure Sine Wave ($\pm 5\%$)	Volts
Frequency	50 ($\pm 0.25\%$)	Hertz
Rated Max. Current	5.2	Amps
Maximum Rated Power	1500VA (0.8PF), 1200W (w/resistive load)	
Phase	Single	
Total Harmonic Distortion	<5 (w/resistive load)	%
Run Time on Battery	13 - 15 (at 25°C, 80% Load, zero at or below 0C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range	90 – 264	Volts AC
Frequency Range	47 – 63	Hertz
Nominal Current	16 @ 115V / 10 @ 230V	Amps AC
Inrush Current (typical)	50	Amps AC
Power Factor (typical)	>0.98 @ 230VAC (full load)	
Leakage Current	<3 @ 230VAC	mAmps AC
Efficiency (typical)	>80 @ 120VAC (Input to Output)	%
Conversion	Double	
Battery		
Rating	48	Vdc
Type	Lithium Iron Phosphate	
Hot-Swappable	Yes (when on AC Input)	
Replacement Time	Less than one minute	
Recharge Time	5 Hours to 95% after full discharge	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Switch LED	Green=Unit On	

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Front Panel Control		
On/Off Switch	When on, enables UPS output	
Alarm Disable	Enable/disable the audible alarm sounder	
Rear Connectors		
AC Output	2 x MS3102E16-10S, Pin A = Line, Pin B = Ground, Pin C = Neutral	J2 & J3
AC Input	1 x MS3102E20-19P, Pin A = Line, Pin B = Ground, Pin C = Neutral	J1
Emergency Cut Off	MS3102R16S-4P Contact closure Open = output enabled, Closed via external switch = output disabled	J4
Ethernet	RJ-45, standard Ethernet pin out	J5
Safety Ground Stud	¼ -20 Stud (Rear Panel)	
Protection		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC Input Protection	Yes	
Isolation		
AC Input to AC Output	Yes, Double	
Environmental		
Operating Temperature Range	-20 to +50	⁰ C
Storage Temperature Range	-40 to +65	⁰ C
Working Humidity	95 non-condensing	%
Altitude	10, 000 (Operating) / 40,000 (Non-Operating)	feet
Fungus	MIL-STD-810G, method 508*	

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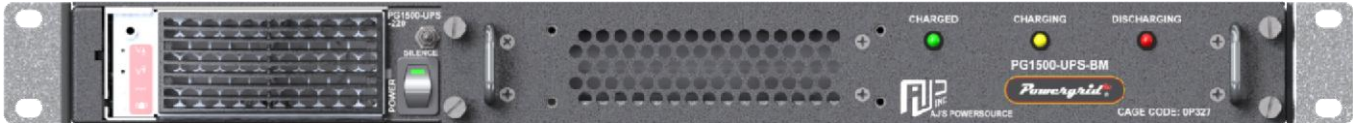


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Sand and Dust	MIL-STD-810G* (w/Filters)	
Vibration	MIL-STD-810G*	
Functional Shock	MIL-STD-810G*	
	* Designed to meet, lab testing required.	

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SPECIFICATION	VALUE	UNITS
Physical Properties		
Dimensions	1.729H x 17.1W (19” rack) x 22D	inch
Mounting	1U 19 Inch Rack (adjustable mounting depth)	
Weight	30	lbs.
Material	Aluminum	
Color/Finish	Black Texture Finish	



PG1500-UPS-220
 Front View



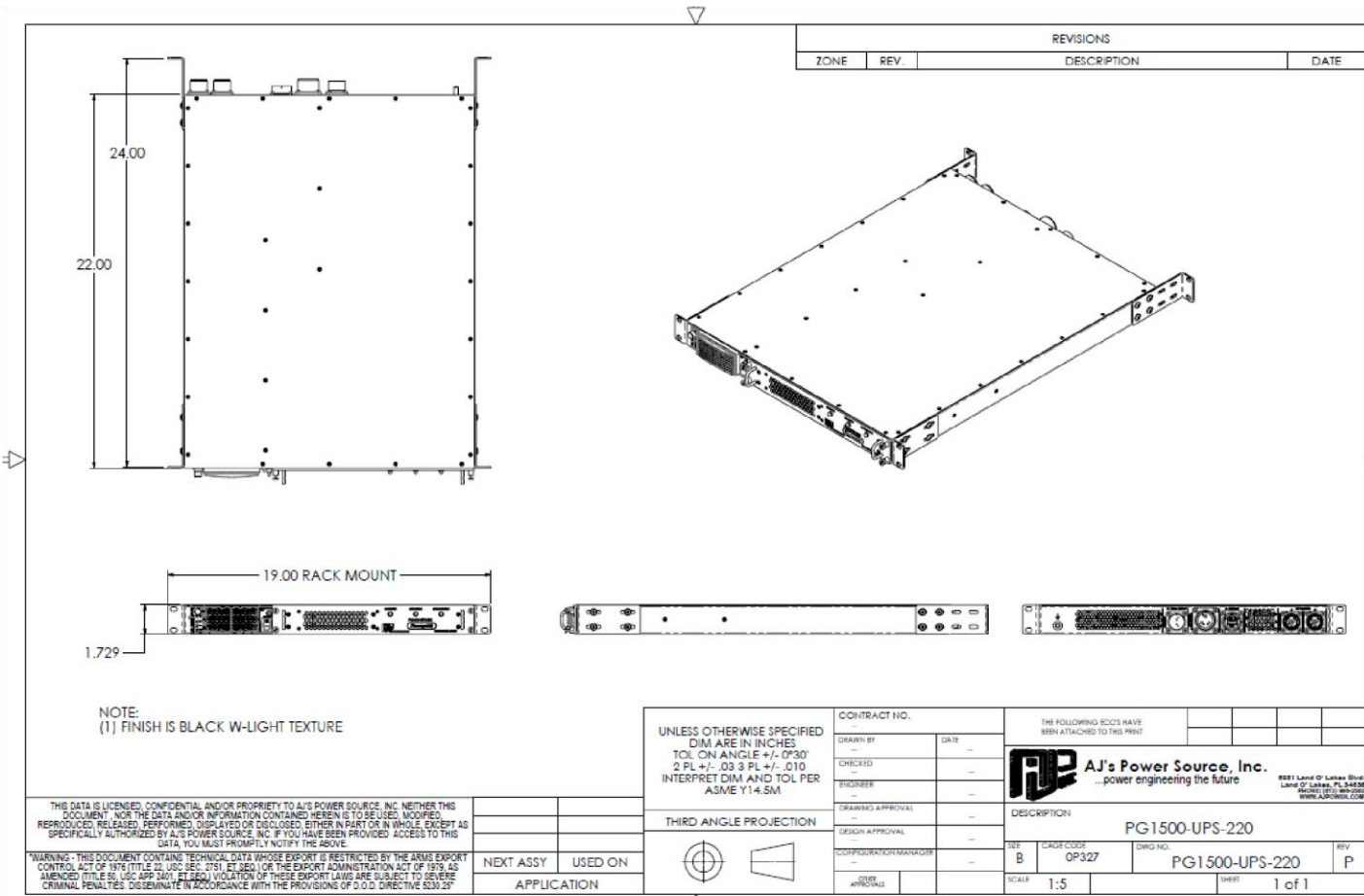
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PG1500-UPS-220
 Rear View

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PG1500-UPS-220
Mechanical Drawing

End - Shelter Based Standalone PG1500 UPS

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