Form Number: 690-0940-00

Document Number: 130211JL-1	Originator: Jon Landau	Date: April 2 <sup>nd</sup> , 2021
	Data Sheet	
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SPECIFICATION	VALUE	UNITS
· · ·	Model: PG1500-UPS-BPM-3PH1, 1U 1200W UPS Modul	e
AC Output		
Rated Voltage	120 Pure Sine Wave (±5%)	Volts
Frequency	60 (±0.5%)	Hertz
Rated Max. Current	10	Amps
Maximum Rated Power (1U)	1500VA (0.8PF), 1200W (w/resistive load)	
Phase	Single	
Total Harmonic Distortion	<5 (w/resistive load)	%
Run Time on Battery	10 - 12 (80% Load, zero below 0C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range	115/208	Volts AC
Frequency Range	60	Hertz
Phase	3, Delta /WYE Configuration	
Nominal Current	15 total, 5/phase	Amps AC
Inrush Current (typical)	50	Amps AC
Power Factor (typical)	>0.9	
Leakage Current	<3	mAmps AC
Efficiency (typical)	>70	%
Conversion	Double	
Battery		
Rating	48	Vdc
Capacity	5.7	Ah
Туре	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	
Front Panel Control		
On/Off Switch	When on, enables UPS output function	
Protection	•	
Over Load	1.25 x Rated Current, Temperature Controlled 1.50 x Rated Current for Periods <20 Seconds	
Output Short Circuit	Auto recovery from short when abnormal is removed	
Over Temperature	Internally controlled at the inverter level	
AC Input Protection	Provided by the front end power supply stage	
SPECIFICATION	VALUE	UNITS

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Protection (Cont.)		
Output Over Voltage/Transient	In accordance with EN61000-4-5	
	Class Test Level Max Peak Current@2ohms	
	3 2kV 1000A (Line to Line)	
	4 4kV 2000A (Line & Neutral to Ground)	
Isolation		
AC Input to AC Output	Yes, Double	
Mounting		
	Front fixed brackets have (4) captive PF11M-032-2 fasteners	
Physical Properties		
Dimensions	1.725H x 17.1W x 22D	
Mounting	1U 19 Inch Rack (adjustable mounting depth)	
Weight	27	
Chassis Material	Aluminum	
Exterior Color/Finish	Aircraft Gray(FED-STD-595), textured paint, FS36300	
Interior Finish	Irridite finish (MIL-DTL-5541 TYPE II, CL3)	
Brackets Material/Finish	Aluminum/Irridite finish (MIL-DTL-5541 TYPE II, CL3)	



## PG1500-UPS-BPM-3PH1 Front View

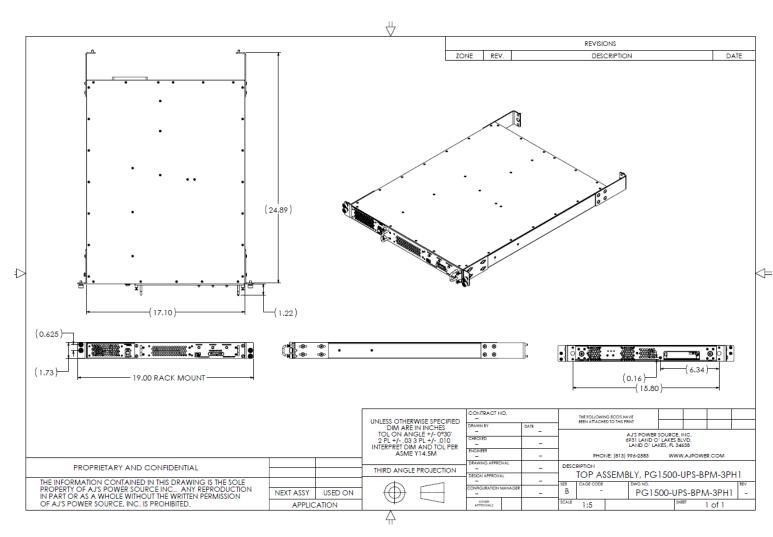
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PG1500-UPS-BPM-3PH1 Rear View

PG1500-UPS-BPM-3PH1 Mechanical View

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