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Data Sheet

PG1500-UPS-DC28-F



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Originator: / Sign:

Approved By: / Sign:

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	Model: PG1500-UPS-DC28-F, 1U 1000W UPS Module	
SPECIFICATION	VALUE	UNITS
DC Output		
Rated Voltage	28 +/- 2%	Vdc
Rated Max. Current	36	Adc
Maximum Rated Power (1U)	1000	Watts
Run Time on Battery	10 - 12 (at 25°C, 80% Load, No backup output if internal batteries are at or below freezing (0°C/32°F)) Note: For additional runtime, battery expansion module PG-BXM-28 can be added. Contact factor for details.	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range	90-264	Vac
Nominal Voltage	115/230	Vac
Frequency Range	47-63	Hz
Phase	Single	
Nominal Current	14 @ 120V / 7 @ 240V	Aac
Inrush Current (typical)	50	Aac
Power Factor (typical)	>0.95	
Leakage Current	<3.5	mAac
Efficiency (typical)	>70 (Input to Output)	%
Conversion	Double	Vac
DC Input		
Voltage Range	22 - 32V	Volts DC
Nominal Voltage	28V	Volts DC
Nominal Current	34A	Amps DC
Efficiency (typical)	≥84 @ 30Vdc / ≥82 @ 22Vdc	%
Conversion	Single	
MIL-STD-1275E	YES	
Battery		
Type	Lithium Iron Phosphate	
Replacement Time	Less than one minute	
Recharge Time	5 Hours to 95% after full discharge (@ +25C)	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Switch/LED	Green=Output Enabled	

[illegible]

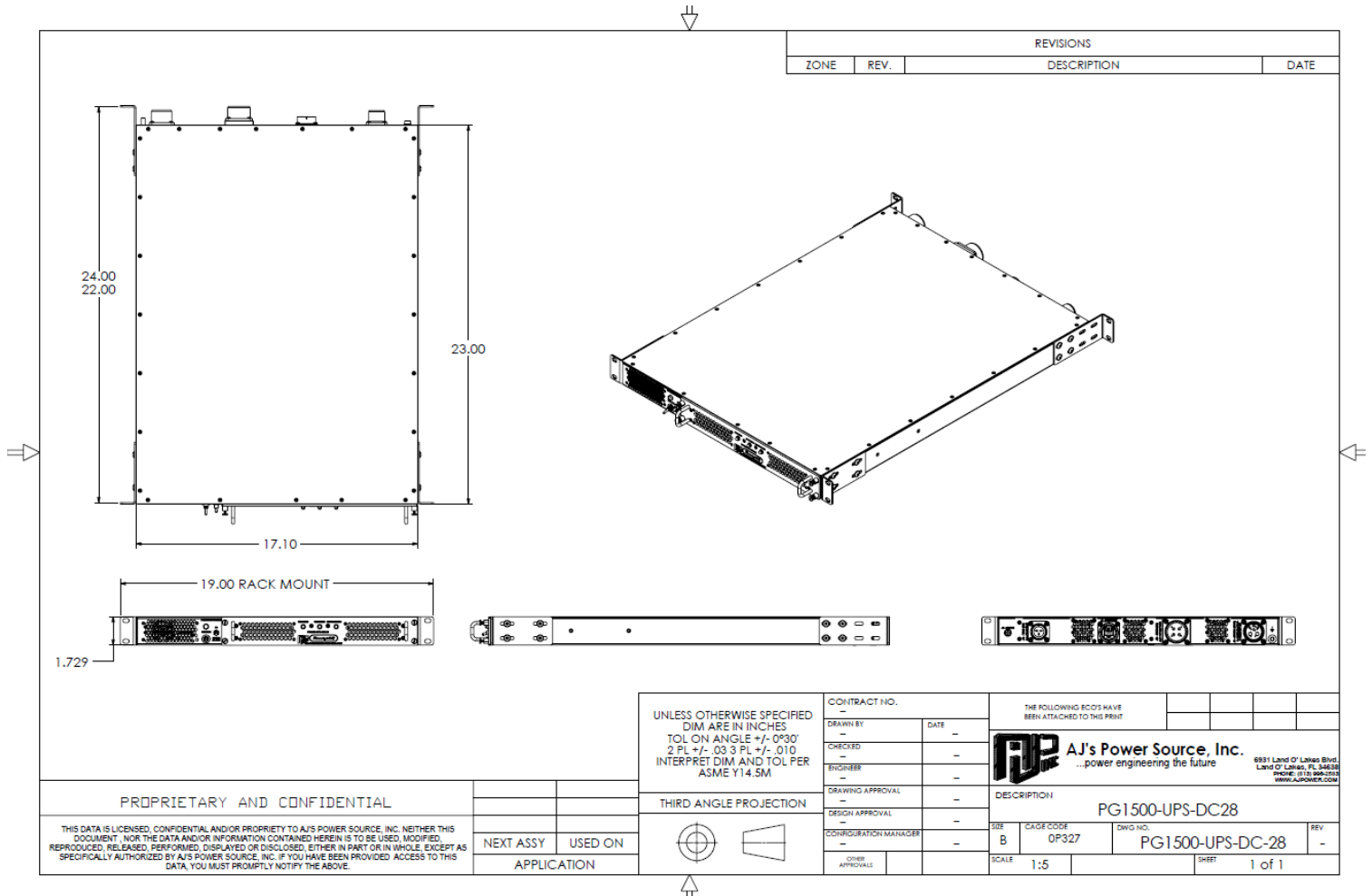
SPECIFICATION	VALUE	UNITS
EMI/EMC	MIL-STD-461F*	
	CE102*	
	CS101*	
	CS106*	
	CS114*	
	CS115*	
	CS116*	
	RE102*	
	RS101*	
	RS103*	
	* Designed to meet, lab testing required.	



PG1500-UPS-DC28-F
Front View



PG1500-UPS-DC28-F
Rear View



PG1500-UPS-DC28-F
Mechanical Drawing