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Originator: MH

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Data Sheet

PG1500-UPS-DC48-C



Frontal view



Rear view

Document Number: 130211JL-1

Originator: / Sign:

Approved By: / Sign:

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SPECIFICATION	VALUE	UNITS
	Model: PG1500-UPS-DC48-C, 1U 1000W UPS Module	
DC Output		
Rated Voltage	48 (nominal regulated)	Vdc
Rated Max. Current	21	Adc
Maximum Rated Power (1U)	1000	Watts
Run Time on Battery	18 (at 25°C, 80% Load). Assumes 6 of our standard packs are used in the UPS. Note that additional hold-up time can be achieved by either changing to a higher density cell or adding a 1U Battery Expansion Module (BXM).	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range	90 - 264	Volts AC
Frequency Range	47 – 63	Hertz
Nominal Current	~12@120V	Amps AC
Inrush Current	100 (maximum)	Amps AC
Power Factor	>0.8 (typical)	
Leakage Current	<4.0	mAmps AC
Efficiency	>84 (typical)	%
BXM DC Input		
Voltage Range	41-56	Vdc
Battery		
Rating	48	Vdc
Type	Lithium Iron Phosphate	
Recharge Time	5 Hours to 95% after full discharge	
Replacement	No battery drawer / factory replacement	

SPECIFICATION	VALUE	UNITS
Rear Connectors		
DC Output	Terminal block (30A)	J2
AC Input	IEC C19 male receptacle	J1
BXM Input	Terminal block (30A) (only used when PG-BXM is present)	J7
Safety Ground Stud	1/4 -20 Stud (Rear Panel)	
Remote Enable	Pigtail connection – length 50 in	
Protection		
Over Load	Yes (re-power to recover)	
Output Short Circuit	Yes (re-power to recover)	
Over Temperature	Yes (auto recovery when fault cleared)	
AC Input Protection	Yes (re-power to recovery)	
DC Input Protection	Yes (re-power to recover)	
Isolation		
Input to Output	3000	VAC
Input to Ground	2000	VAC
Output to Ground	1500	VAC
Environmental		
Operating Temperature Range	-20 to +50	°C
Storage Temperature Range	-40 to +72	°C
Mechanical		
Dimensions	1.73H x 17.1W x 22.0D	inch
Mounting	1RU, 19in Rack (adjustable mounting depth)	
Weight	<=28	lbs
Material	Aluminum	
Color/Finish	Gray Textured Finish	



Intake fan

PG1500-UPS-DC48-C
Front View



Ground Stud

Exhaust

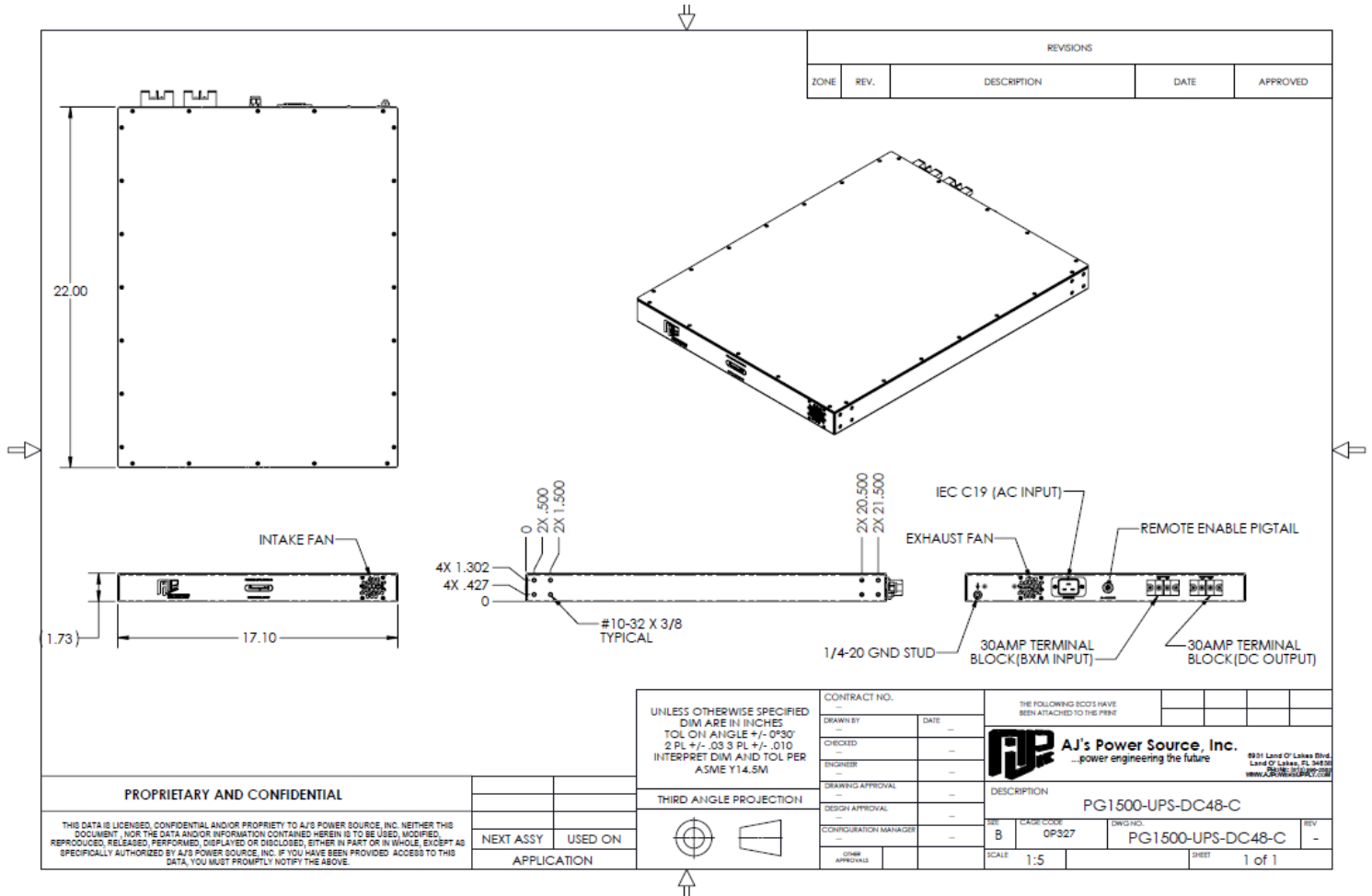
AC Input

Remote
Enable

BXM
DC Input

DC Output

PG1500-UPS-DC48-C
Rear View



PG1500-UPS-DC48-C Mechanical Drawing