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Data Sheet
PG3000-UPS-DC24



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Creation Date: 07 May 2012	Reference ECO:	Document Number Rev Level:
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Model: PG3000-UPS-DC24, 2U 2000W UPS Module		
SPECIFICATION	VALUE	UNITS
DC Output		
Rated Voltage	24	Vdc
Rated Max. Current	83	Adc
Maximum Rated Power	2000	Watts
Run Time on Battery	10 - 12 (at 25°C, 2,000W Load, No backup output if internal batteries are at or below freezing (0°C/32°F))	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range	100 - 240	Volts AC
Phase	Single	
Frequency Range	47-63	Hertz
Inrush Current (typical)	100 (maximum)	Amps AC
Power Factor (typical)	>0.9	
Leakage Current	<4.0	mAmps AC
Efficiency (typical)	>80 (Input to Output)	%
Conversion	Double On-Line	
Front Panel Indicators		
Battery Status	Yellow=Charging, Red=Discharging, Capacity Meter	
Switch LED	Green=Output Enabled	
Front Panel Control		
On/Off Switch	When on, enables UPS output	
Rear Connectors		
DC Output	1 x MS3102E22-22S (or equivalent), Pin A,B = +24V, Pin C, D = DC Common	J3
AC Input	MS3102E20-19P (or equivalent) Pin A=Line Pin B= Ground, Pin C=Neutral	J1
DC Input	1 x MS3102E22-22P (or equivalent), Pin A,B=+24Vin, Pin C,D= -24Vin	J2
SNMP (Remote Status)	1 x RJ-45	J6
Emergency Power Off	1 x MS3102E12S-3S (normally open circuit, short pins to disable UPS output)	J7
Safety Ground Stud	¼ -20 Stud (Rear Panel)	
Remote Status		
Signal Monitoring	SNMPv3	
	Status: AC Input Present, DC Input Present, DC Output Present, Battery Charged, Battery Charging, Battery Discharging, Temp Status	

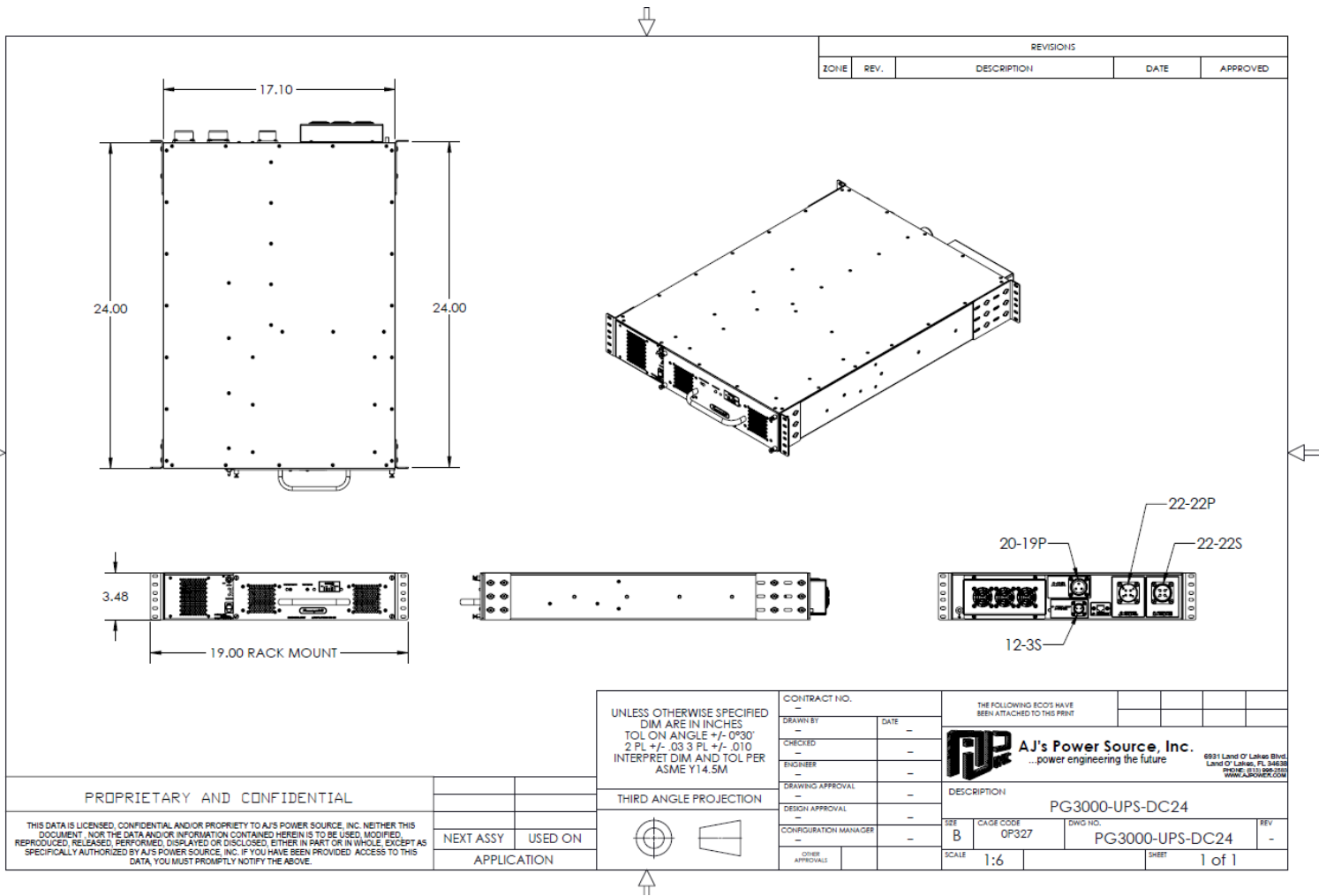
SPECIFICATION	VALUE	UNITS
Protection		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC & DC Input Protection	Yes	
Isolation		
AC Input to DC Output	Yes	
DC Input to DC Output	Yes	
Environmental		
Operating Temperature Range	-20 to +50* (No backup output if internal batteries are at or below freezing (0°C/32°F))	°C
Storage Temperature Range	-40 to +65*	°C
Working Humidity	95 non-condensing*	%
Altitude	10,000 (Operating) / 40,000 (Non-Operating)*	feet
Vibration	MIL-STD-810G*	
Functional Shock	MIL-STD-810G*	
	* Designed to meet, lab testing required at additional cost.	
EMI		
Radiated	MIL-STD-461F (RE102, RS101, RS103)*	
Conducted	MIL-STD-461F (CE102, CS101, CS106, CS114, CS116)*	
	* Designed to meet, lab testing required at additional cost.	
Battery		
Technology	Lithium Iron Phosphate	
	11.4	Ah
	25.6	Vdc
Physical Properties		
Dimensions	3.5 (H) x 17.1 (W) x 23.0 (D)	inch
Mounting	2U, 19 inch rack (adjustable mounting depth)	
Weight	54 (max)	Pounds
Color/Finish	Gray Textured Finish	



PG3000-UPS-DC24
Front View



PG3000-UPS-DC24
Rear View



**PG3000-UPS-DC24
 Mechanical Drawing**