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Data Sheet
PG400-UPS-HR-DC48



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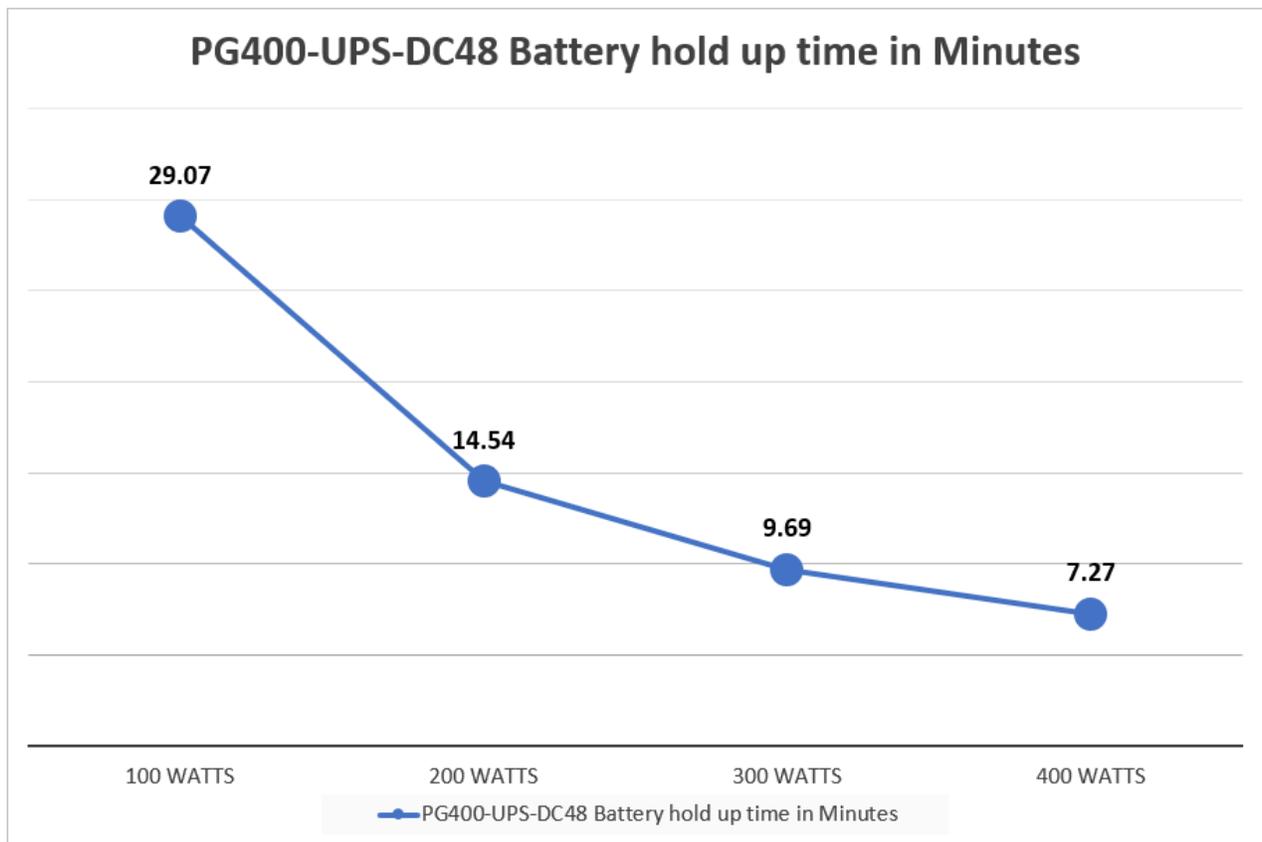
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SPECIFICATION	VALUE	UNITS
DC Output		
Rated Voltage	-48 +/-2%	Vdc
Rated Max. Current	10.4	Adc
Max. Rated Power	500	Watts
Run Time on Battery	>6 @ 25°C, 80% Load (zero output below 0C) See runtime chart on page 4.	Minutes
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range (Universal)	85-264	Volts AC
Frequency Range	47 - 63	Hertz
Nominal Current	5 @ 120Vac	Amps AC
Inrush Current (typical)	40	Amps AC
Efficiency (typical)	≥86	%
Power Factor (typical)	>0.95	
Leakage Current	<3 @ 120Vac	mAmps AC
Conversion	Double, On-Line	
Isolation		
AC Input to DC Output	Yes	
Internal Battery Module		
Rating	28	Vdc
Capacity	2.50	Ah
Type	Lithium Iron Phosphate	
Recharge Time	3 - 4 Hours to 95% after full discharge	
Protection		
Overload	Yes – restart required	
Output Short Circuit	Yes – restart required	
Over Temperature	Yes – restart required	
AC Input Protection	Yes – restart required	

SPECIFICATION	VALUE	UNITS
SNMP v3	AC Input present, Battery Status (charging, discharging, charged), DC Output Active, Over Temperature	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging, Red=Discharging	
Power LED	Green=UPS output enabled	
Front Panel Control		
On/Off Switch	When On, enables UPS output, when in off position, no DC output is present	
Battery Disconnect	Disconnects internal battery from circuit, prevents discharge during storage, OUT=Battery Disconnected, IN=Battery In Service	
Audible Alarm	Toggle switch, up enables audible alarm, down disables	
Connectors		
AC Input	1 x IEC C14	J1
DC Output	1 x Phoenix p/n 1861154 (match Dell server connector RN5T2)	J2
Ethernet Port	Standard RJ-45	J3
Safety Ground	¼ -20 Stud (Rear Panel)	
Environmental		
Operating Temperature Range	-20 to +55*	°C
Storage Temperature Range	-40 to +70*	°C
Operating Humidity	95 non-condensing*	%
Altitude	10, 000 (Operating) / 40,000 (Non-Operating) *	feet
Fungus	No fungus promoting materials used	
Sand and Dust	MIL-STD-810G* (Front panel re-useable filter installed)	
Vibration	MIL-STD-810G, Method 514.6, Category 20, Figure 514.6C-3, Table 514.6C-VI*	
Functional Shock	MIL-STD-810G, Method 516.6, Procedure I, Section 4.6.2.3 and Table 516.6-I, Ground Equipment*	
Other Specifications		
Startup Time	<30	Seconds
Cooling	Rear to front airflow from dual internal fans.	
MIL-STD 461F	Compliant with CE102, CS114/115/116, CS101 & RS103 *	
MTBF	>102,000 (Calculated per MIL-HDBK-217) *	Hours
	* Designed to meet, formal report requires lab testing at additional expense	

SPECIFICATION	VALUE	UNITS
Physical Properties		
Dimensions	1.74H x 8.81W x 14D	inch
Mounting	1U Height, 14 Inch Depth, Half Rack	
Mounting Hardware	Brackets	
Weight	</= 8	lbs.
Material	Aluminum	
Color/Finish	Black #F63-B70 / Light Texture	



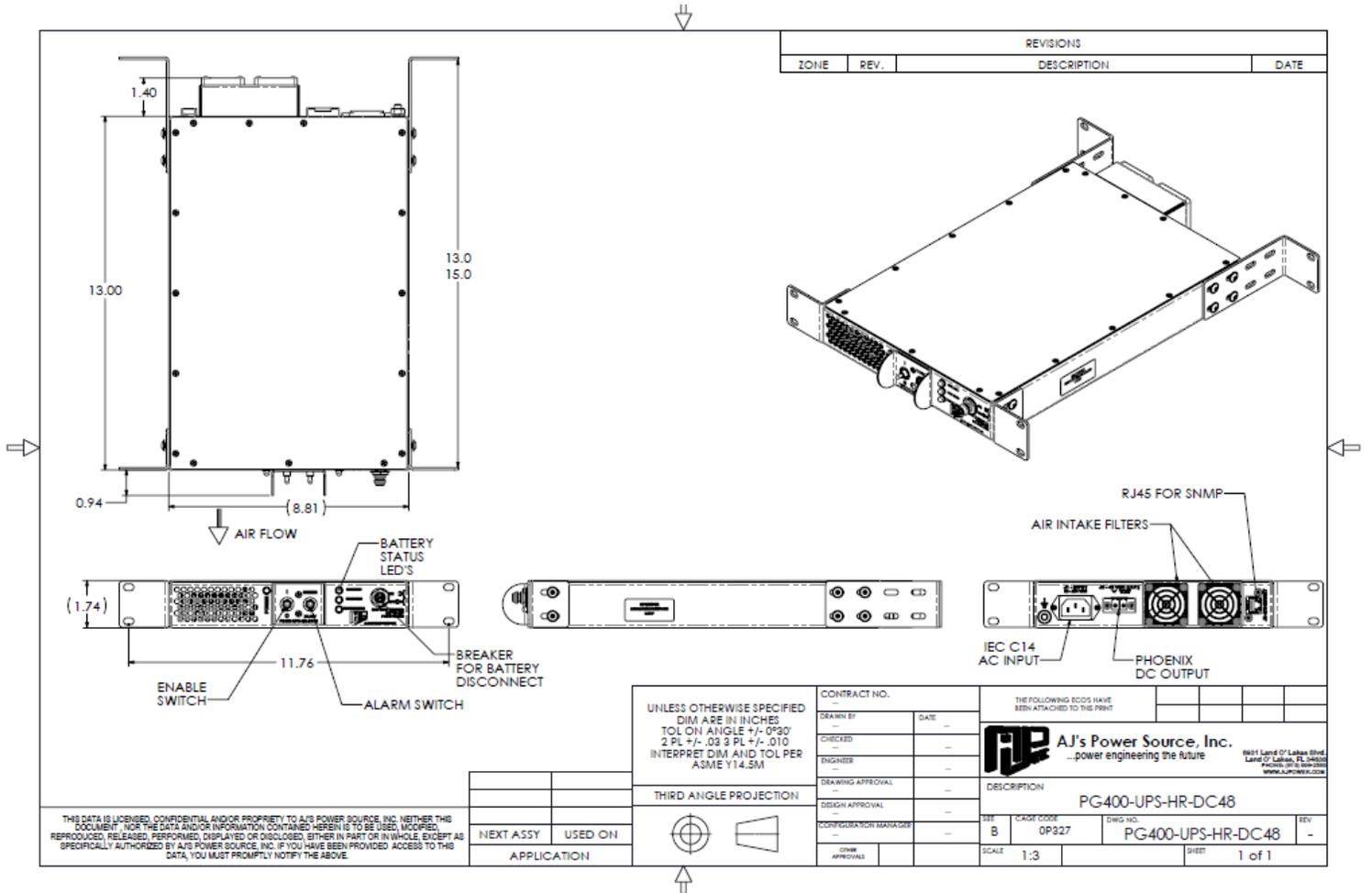
PG400-UPS-HR-DC48 (Battery Runtime)



PG400-UPS-HR-DC48 (Front View)



PG400-UPS-HR-DC48 (Rear View)



PG400-UPS-HR-DC48 Mechanical Drawing