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Data Sheet

PG1500-UPS-V3-NL-RH



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SPECIFICATION	VALUE	UNITS
AC Output		
Rated Voltage	120 Pure Sine Wave ($\pm 5\%$)	Volts
Frequency	60 ($\pm 0.25\%$)	Hertz
Rated Max. Current	9.2	Amps
Maximum Rated Power	1100	Watts
Phase	Single	
Total Harmonic Distortion	< 5 (w/resistive load)	%
Run Time on Battery	> 12 (at 25°C , 80% Load, zero at or below 0°C)	Minutes
Transfer Time to Battery	Instant, On-Line conversion, Internal Ac/Dc converter provides full power down to 85Vac input, below 85Vac input, internal batteries support the load.	
AC Input		
Voltage Range	90-264	Volts AC
Frequency Range	50/60	Hertz
Nominal Current	14 @ 115V	Amps AC
Inrush Current (typical)	50	Amps AC
Power Factor (typical)	> 0.98 @ full load	
Leakage Current	< 3	mAmps AC
Efficiency (typical)	> 80 @ 120VAC (Input to Output)	%
Conversion	Double	
Battery		
Rating	48	Vdc
Type	Lithium Iron Phosphate	
Capacity	5.0	Ah
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	
Alarm Disable	Enable/disable the audible alarm sounder	
SNMP v3		
	AC Input present, Battery Status (charged, charging, discharging), AC Output Active, Over Temperature	

SPECIFICATION	VALUE	UNITS
Rear Connectors		
AC Output	2 x NEMA 5-15/20R receptacles	J2
AC Input	IEC 320/C20 male receptacle	J1
AC Load Share*	Type MS3102E16-10S	J3
	Pin A = Line, Pin B = Ground, Pin C = Neutral	
Load Share Interface*	Female Sub-D 9 Pin	J4, J5
	* Allows units to be stacked for increase in power handling capability, provides synchronization between units (not used in single UPS installation)	
Ethernet	RJ-45, standard Ethernet pin out (SNMP communications)	J6
Emergency Cutoff	MS3102E12S3S, Pin A = +V, Pin B = -V Contact closure Open = output enabled, closed via external switch = output disabled	J8
BXM Input	MS3102E20-23P, Pin A = +Vin, Pin B = -Vin (only used when PG-BXM is present)	J7
Safety Ground Stud	¼ -20 Stud (Rear Panel)	
Protection		
Overload	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC & DC Input Protection	Yes	
Isolation		
AC Input to AC Output	Yes, Double	
BXM Input to AC Output	Yes, Double	
Environmental		
Operating Temperature Range	-20 to +43	°C
Storage Temperature Range	-40 to +65*	°C
Working Humidity	95 non-condensing*	%
Altitude	10, 000 (Operating) Derate by 25% (900W) at 15,000 / 40,000 (Non-Operating)	feet
Fungus	MIL-STD-810G, method 508*	
Sand and Dust	MIL-STD-810G* (w/Optional Filters)	
Vibration	MIL-STD-810G*	
Functional Shock	MIL-STD-810G*	
	* Designed to meet, lab testing required for formal certification	

SPECIFICATION	VALUE	UNITS
Physical Properties		
Dimensions	1.73H x 17.1W x 23D	inch
Mounting	1U 19 Inch Rack (adjustable mounting depth)	
Weight	~27	lbs.
Material	Aluminum	
Color/Finish	Gray	



