

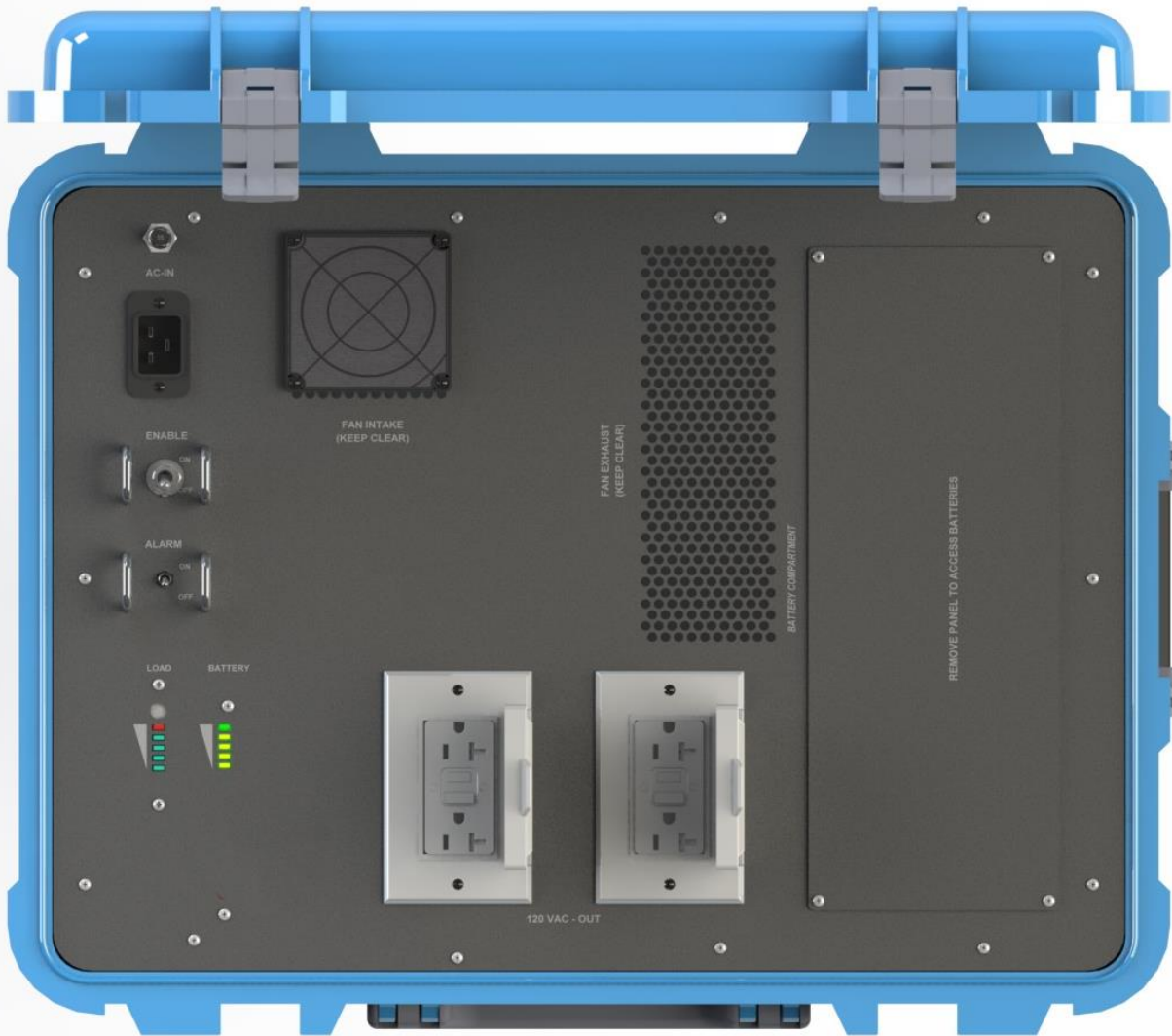
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Data Sheet - Suitcase

PG1500-UPS-SUIT Rev A



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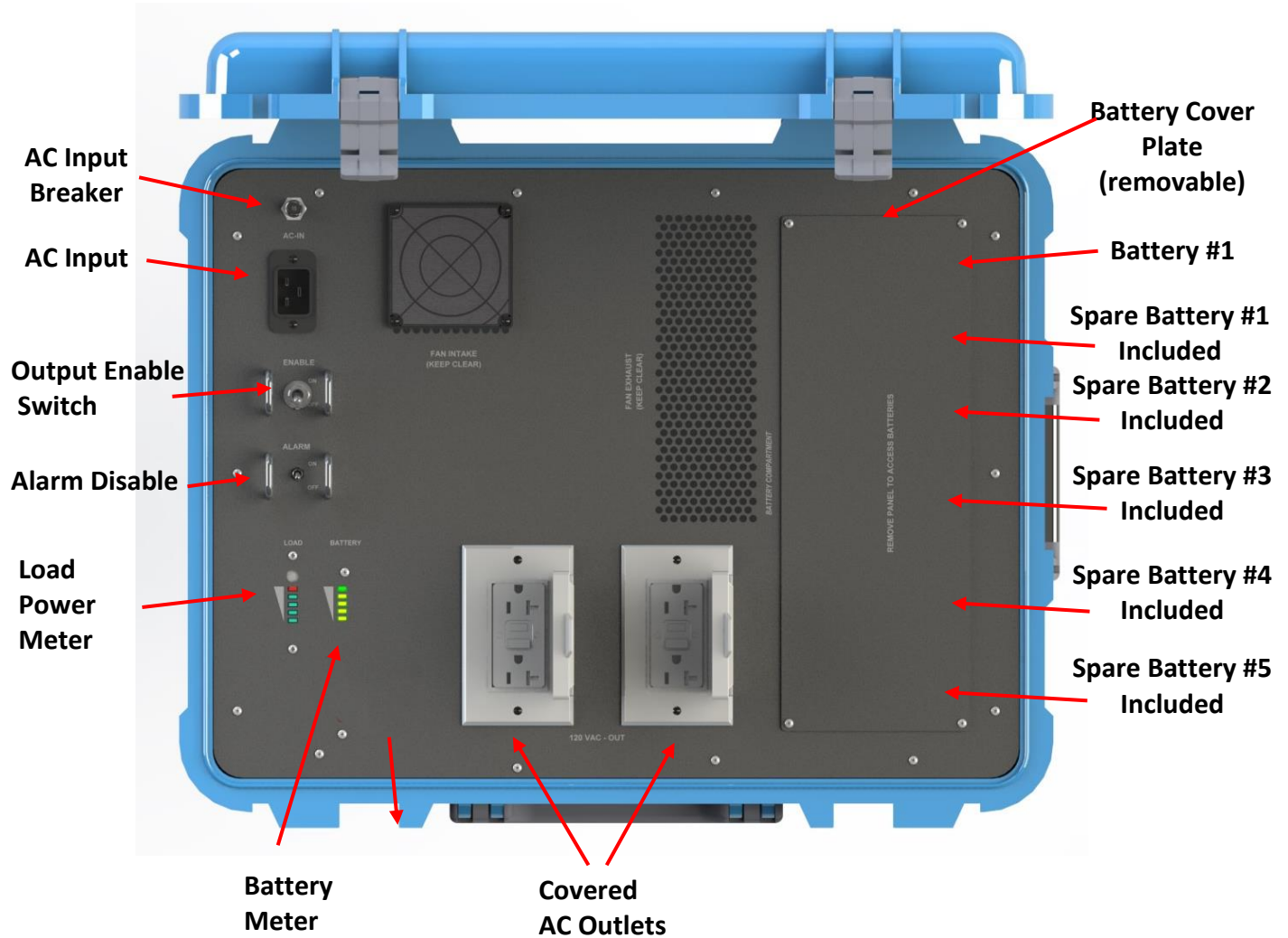
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SPECIFICATION	VALUE	UNITS
AC Output		
Rated Voltage	110 Pure Sine Wave ($\pm 5\%$)	Volts
Frequency	50/60 ($\pm 0.25\%$) Switch	Hertz
Rated Max. Current	10	Amps
Maximum Rated Power	1100W (w/resistive load)	
Phase	Single	
Total Harmonic Distortion	<5 (w/resistive load)	%
Transfer Time to Battery	Instant, On-Line conversion	
AC Input		
Voltage Range	90 – 264V Universal AC input	Volts AC
Frequency Range	47 – 63Hz Universal Frequency input	Hertz
Nominal Current	14 @ 115V	Amps AC
Inrush Current (typical)	50	Amps AC
Power Factor (typical)	>0.98	
Leakage Current	<3	mAmps AC
Efficiency (typical)	>80 (Ac Input to AC Output)	%
Conversion	Double	
Battery		
Rating	48	Vdc
Type	Lithium Iron Phosphate (US Military Certified)	
Run Time on Internal Battery	>40 (at 25°C, 80% Load, zero at or below 0C)	Minutes
Capacity Total	15.6Ah Total (One 2.6Ah Battery & Five Spare 2.6Ah Batteries Included for total) (See Below Diagram)	Ah
Replaceable Battery	Yes, battery replacement through the cover	
Replacement Time	Less than five minutes	
Recharge Time	5 Hours to 95% after full discharge	
TSA Compliance	Yes, with spare batteries	
Front Panel Indicators		
Battery Status	Green=Charged, Yellow=Charging (bar graph)	
Load Power	Displays 0 – 100% of Rated Output Power in 25% increments, and if Red Overload Is present	
Front Panel Control		
Main On/Off Switch	When on, enables UPS output	
Alarm Disable	Enable/disable the audible alarm sounder	
AC Main Power Breaker	Disconnects AC Power to the UPS	

SPECIFICATION	VALUE	UNITS
Connectors		
AC Output	4 x NEMA 5-20R Receptacles (with covers)	
AC Input	Standard IEC Connector	
	Pin A = Line, Pin B = Ground, Pin C = Neutral	
Protection		
Over Load	Yes	
Output Short Circuit	Yes	
Over Temperature	Yes	
AC Input Protection	Yes	
Isolation		
AC Input to AC Output	Yes, Double	
Environmental		
Operating Temperature Range	-20 to +50*	°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* (with Filters)	
Vibration	MIL-STD-810G*	
Functional Shock	MIL-STD-810G*	
Audible Noise	Less than 60dB at 1 foot	dB
	* Designed to meet, lab testing required for formal certification	
Physical Properties		
Dimensions	11.5" H x 18"W x 23"D	inch
Mounting	UPS In Blue Case as Shown	
Weight	~50	lbs.
Material	Aluminum Internal Frame	
Color/Finish	Blue Case	
Case Transportation	Pull Out Handle & Wheels (waterproof)	



**PG1500-UPS-SUIT Diagram
Top View**