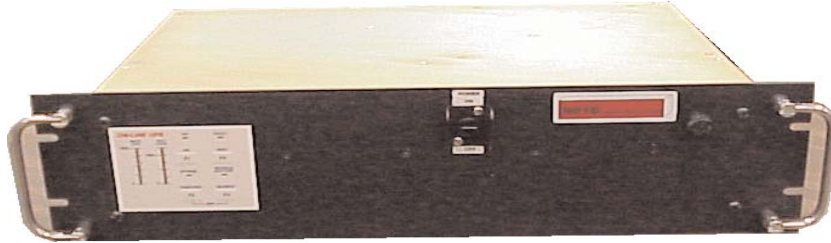




# 3U RUGGEDIZED UPS FOR SHIPBOARD APPLICATION P/N 8200010



## CHARACTERISTICS & PERFORMANCES

ELECTRICAL		DESIGN	
<b>Input</b>		<b>Standard Features</b>	<ul style="list-style-type: none"> <li>- Power factor corrected input;</li> <li>- Lead-acid gel-cell batteries</li> <li>- True online, low distortion sinewave</li> <li>- Inverter powers load continuously</li> <li>- EMI compliant with optional EMI filter</li> <li>- Continuous operation at 92 VAC without draining batteries</li> <li>- Automatic bypass</li> <li>- RS232 data interface</li> <li>- AC output – terminal board connections</li> <li>- Rear mounted ground stud</li> </ul>
<b>Voltage</b>	115 VAC, 1 phase IAW		
<b>Frequency</b>	60 HZ IAW MIL-STD-1399		
<b>Output</b>		<b>Specifications</b>	UL 1778, CUL pending, FCC class A IEEE 587/ANSI C62.41 IEC 555 @ 120 VAC
<b>Voltage (standard)</b>	115 VAC ± 3%		
<b>Frequency</b>	60 Hz ± 1%	<b>MTBF</b>	80,000 hours
<b>Current</b>	See table below	<b>Typical recharge time to 85% capacity at 100% load</b>	Less than 8 hours
<b>Total harmonic distortion (THD)</b>	3% max.	<b>Construction</b>	Welded chassis with gasketed cover
<b>Holdup time</b>	See table below	<b>Options</b>	MIL-STD-461 filter 1 U battery chassis 2 U battery chassis
<b>Overload</b>	110% for 10 minutes 200% for 0.5 seconds		
<b>Efficiency @ 100% load</b>	80%		
<b>Protection</b>	Input and output short circuit Input and output overload Excessive battery discharge		

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ENVIRONMENTAL		CONTROL AND INDICATORS	
Operating temperature	32°F to 104°F (0°C to 50°C)	Visual Sequenced LED's	Battery level, load level
Humidity	0% to 95% non-condensing	indicator	AC In, inverter On, load On, summary alarm, alarm silence
Altitude	Sea Level to 10,000 Feet	front panel control	Alarm silence
MECHANICAL		Audible alarms	
Dimensions (HxWxD)	3U x 11.25" x 12.5"	RS232 data interface (DB-9)	Utility interrupt, inverter failure Overload, low battery, self test
Mounting	19" EIA		Remote computer monitoring of most features
Connectors	+terminal blocks for input/out +Molex connector (for internal battery)		

	AC operation	OUTPUT	Battery operation	Hold up time
UPS	1100 VA PF 0.7 to 1.0		750W	30 min @ 245 W
UPS with 1 U battery				30 min @ 450 W
UPS with 2 U battery				30 min @ 750 W