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This document has been approved by the Bureau of Naval Weapons Department of the Navy and is mandatory for use by that activity. All other military activities are required to employ this standard when suitable.

<p>3.100 MAX. 2.500 2.250 0.750 1.840 3.680 ±0.005 4.180 MAX. 0.203 ±0.005 DIA (4 HOLES) 5.620 MAX. 4.750 3.750 MAX. 0.650 MIN. CLEARANCE 1.435 2.870 ±0.005 0.930</p> <p>TERMINAL STUDS 8-32UNC-2A (6 REQ'D)</p> <p>NAMEPLATE</p>		FED. SUP CLASS 6130										
<p>INPUT</p> <p>Voltage (Nominal) 115/200 Volts Frequency (Nominal) 400 c.p.s. Phase 3</p> <p>OUTPUT</p> <p>Voltage (nominal) D.C. 28 Volts Current to 50,000 ft. alt. 20 Amp. Current at 60,000 ft. alt. 10 Amp.</p> <p>EFFICIENCY</p> <p>At sea level, 25 ±15°C, 85% Min. half rated load to rated load</p> <p>WEIGHT (lbs.) 4.0 Max.</p>		<p>CONVERTER</p> <p> </p>										
<p>MS PART NO. MS-25498-1</p>												
<p>For any combination of conditions listed below, the output voltage shall remain within the indicated limits.</p> <table border="1"> <thead> <tr> <th>Conditions</th> <th>Output Voltage Limits</th> </tr> </thead> <tbody> <tr> <td>Input voltage varied between 110/191 and 121/210 volts, and input frequency varied from 360 to 440 cps.</td> <td></td> </tr> <tr> <td>Load varied from 0 to full load.</td> <td>Low-25.0 High-31.0</td> </tr> <tr> <td>Ambient temperature-altitude varied within the range established by Curve 1 of MS33543(ASG) except that ambient temperature for this unit shall never exceed the limits -55°C to +85°C. The unit shall deliver rated output to 50,000 ft. and 50% rated output at 60,000 ft.</td> <td></td> </tr> <tr> <td>Mounted in any position.</td> <td></td> </tr> </tbody> </table>			Conditions	Output Voltage Limits	Input voltage varied between 110/191 and 121/210 volts, and input frequency varied from 360 to 440 cps.		Load varied from 0 to full load.	Low-25.0 High-31.0	Ambient temperature-altitude varied within the range established by Curve 1 of MS33543(ASG) except that ambient temperature for this unit shall never exceed the limits -55°C to +85°C. The unit shall deliver rated output to 50,000 ft. and 50% rated output at 60,000 ft.		Mounted in any position.	
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<p>NOTES:</p> <ol style="list-style-type: none"> All dimensions are shown in inches. Tolerances are ±0.015 unless otherwise shown. The weight and volume limitations shown on this drawing shall include the weight and volume of all auxiliary apparatus necessary to make this unit conform to the procurement specification. This drawing and the procurement specification complement one another, and together completely define the product. Note Deleted. 												
<p>© CANCELLED AFTER 19 JUNE 1981. NO SUPESDING STANDARD.</p>												
<p>P.A. NAVY - BUWEPs Other Cust</p>	<p>TITLE CONVERTER, 20 AMPERE, CLASS B</p>	<p>MILITARY STANDARD MS25498(WEP)</p>										
<p>Procurement Specification MIL-C-7115</p>	<p>SUPERSEDES:</p>	<p>SHEET 1 OF 1</p>										

APPROVED 20 Jul 60 REVISED A 19 November 1962 21 July 1975 19 June 1981