

**SALIENT CHARACTERISTICS  
FOR:  
Three Phase, Solid State AC Power Source with Programmable  
Controller**

**1.0. SCOPE OF WORK:**

With the new Capabilities of the A-10 A/C and the Bru-61, we are required to perform maintenance on the bomb rack utilizing testers that require three phase 400Hz. We currently have no other options available for these maintenance tasks and require these power supplies to perform training and maintenance tasks. Furthermore, this equipment is used to provide clean power to the CMBRE (Common Munitions Built-In-Test Reprogramming Equipment) which is used to test our missile systems.

**1.0.1 JUSTIFICATION:**

T.O. 33D7-3-372-11 WP 040 Para. 2.4 Sub Para a. Step 10:

(10) Connect system to three phase 400 Hz, 115 Vac  
power:

(a) If operating on facility power, connect W1P1 to the facility power connector or unique facility power adapter.

T.O. 33D7-3-372-11 WP 002 Para. 10 Table 2. Systems Leading Particulars for AN/GYQ-79A Test Program Set:

Characteristic Description

Electrical Power Requirements

Input Power 3 phase, 400Hz, 115 Vac, 7-15 amps per phase

The justification in red is the main justification per the T.O. requiring this specific power supply.

Please see Page 2 for further Specifications.

### 1.1. PRODUCT PERFORMANCE SPECIFICATION:

Power Supply must meet the following minimum specifications:

SPECIFICATIONS	
	<b>Power Supply: 3 Phase, 400Hz, 115 VAC, 7- 15 amps per phase</b>
<b>Dimensions:</b>	H 7.0" x W 17.0" x D 25.0" Weight: 111.2 lbs
<b>Material:</b>	Aluminum
<b>Features:</b>	<ul style="list-style-type: none"><li>• 2kVA, Three Phase, Solid State AC Power Source with Programmable Controller (USB, RS232, LAN/LXI, GPIB)</li><li>• Vin: 100, 110, 120, 200, 220, 230, or 240VAC, Single Phase, 47-63Hz</li><li>• Vout: 0-150VI-n, 1,2 or 3 Phase, 15-1200Hz</li></ul>
<b>Finish:</b>	Ready for use upon delivery date.

Additional information can be found on the data sheet.