DRS Pivotal Power’s 6 KVA AC Uninterruptible Power Supply (UPS) provides conditioned backup power to command, control, and communication equipment where a clean, reliable power supply is essential. The input to the UPS is supplied from the ship’s 440V, 60Hz, 3 phase AC service power conforming to MIL-STD-1399, section 300. The UPS system provides 115 VAC, 60 Hz, 1 phase high quality output power.

If input power is lost, or if the power quality is outside acceptable limits, the UPS system continues to provide the output power for the specified duration using rechargeable storage batteries and upon restoration automatically revert to main’s input power.

Each UPS system is made up of a power unit, which houses the power electronics, plus control and communication circuits and a battery unit, which houses the storage batteries. The UPS system utilizes MIL-SPEC circular connectors for input, output, and the battery unit connection.

**Highlights**
- Mean time between failure (MTBF) - 40,000 hours
- LCD status display
- Built-In-Test (BIT) capability
- On-line maintenance of batteries and battery charger
- Various backup time durations available
- Simple Network Management Protocol (SNMP) communications and control options
6 KVA UNINTERRUPTIBLE POWER SUPPLY

**ELECTRICAL INPUT**
- Voltage: 440 VAC, 3 phase
- Frequency: 60 Hz
- Power Rating: 6 kVA
- Input Connection: MS3106F20-45

**ELECTRICAL OUTPUT**
- Voltage: 115 VAC, 1 phase
- Frequency: 60 Hz
- Power Rating: 6 kVA
- Efficiency: 80% of rated load
- Number of Output Connectors: 6
- Output Connection: MS3106F20-19P

**STATUS MONITORING**
- Display: LCD status display

**COMMUNICATION**
- Signaling Interface: RS232

**ENVIRONMENTAL**
- Operating Temperature: 0°C to +50°C / 32°F to +122°F
- EMI/EMC: MIL-STD-461D
- Vibration: MIL-STD-167-1A, Type 1, 4 Hz to 33 Hz
- Shock Resistance: MIL-STD-901D, Grade A, Class I
- Humidity: MIL-STD-810G, 0-95%
- Cooling: Forced Air

**PHYSICAL CHARACTERISTICS**
- Dimensions: 20.2 L x 15.7 W x 28.0 H inches (bulkhead) (513 mm x 400 mm x 710 mm)
- 28.0 L x 15.0 W x 14.0 H inches (rack) (710 mm x 400 mm x 355 mm)
- Weight: 150 kg (max) / 331 lbs (max) (excluding batteries)

**AVAILABLE OPTIONS**
- External Battery Pack: 6U external battery module providing 30 minutes of backup at full load (requires two battery modules)
- Bypass: Optional manual or automatic
- Restart: Auto

**ADDITIONAL INFORMATION**

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>NSN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>836-01A</td>
<td>6130-20-001-6317</td>
<td>Bulkhead mounted</td>
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<tr>
<td>836-01AY</td>
<td>TBD</td>
<td>Bulkhead mounted with dry contact alarm</td>
</tr>
<tr>
<td>836-01AX</td>
<td>6130-20-005-1613</td>
<td>Bulkhead mounted with RJ45 SNMP</td>
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<tr>
<td>836-01B</td>
<td>6130-20-001-6269</td>
<td>Rack mounted</td>
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<tr>
<td>836-01BXY</td>
<td>6130-20-001-6269</td>
<td>Rack mounted with RJ45 SNMP</td>
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**Cage Code:** 38370