



# Shipboard AC/DC POWER CONVERTER UNIT P/N 8100001

## FEATURES

This 4kW unit converts 115 V 3-phase shipboard power into 290 V DC. It has been designed and built by 901D to support Mission Critical Applications. Thanks to its rugged construction, it withstands MIL-S-901D heavyweight shock requirements in a hard-mounted configuration.



## CHARACTERISTICS & PERFORMANCES

| Environmental                                       | Electrical   | Physical        |
|---|--|-----------------|
| <b>Shock:</b><br>MIL-S-901D heavyweight grade A     | <b>Input Power:</b><br>115 V 3-phase 60 Hz Delta ungrounded                | Weight: 110 lbs |
| <b>Vibration:</b><br>MIL-STD-167                    | <b>Output Voltage (Nominal):</b><br>290 V DC                               | Height: 5.75"   |
| <b>Operating temperature:</b><br>0 to +55 C         | <b>Maximum Load:</b><br>4000 W   | Depth: 14"      |
| <b>Humidity:</b><br>MIL-STD-210                     | <b>Output Ripple:</b><br>1.0 VPP Max                                       |                 |
| <b>EMI:</b><br>MIL-STD-461 D                        | <b>Leakage Current:</b><br>< 2.5 mA RMS under max line and load conditions | Width: 12.75 "  |
| <b>Shipboard Power:</b><br>MIL-STD-1399 section 300 | <b>Insertion Loss:</b><br>> 65 dB at 50 MHz and above                      |                 |