

DEFENSE

# Aqeri

# 99100

## External Redundant Power Supply

Aqeri 99100 is a ruggedized external redundant power supply unit for use in harsh environments. The unit has both visual and audio alarm if one PSU fails. Input is 96-264 VAC and output is 24VDC. Max output is 480W.

### Features:

- > Audio and Visual alarm
- > Wide AC in range
- > 24VDC Output
- > MIL 38999 interface connectors
- > Overvoltage protection



Aqeri 99100 Backside



**TECHNICAL SPECIFICATIONS**

<b>Alarm:</b>	Visual and Audio
<b>AC in rush current:</b>	Cold start 40A at 230VAC
<b>Setup, rise, hold up time:</b>	1000ms, 80ms, 18ms at full load and 230VAC
<b>Overload protection:</b>	105% - 145% constant current limiting, auto-reco
<b>Withstand voltage:</b>	I/P-O/P:3KVAC, I/P-FG: 1,5KVAC, 1 minute

**I/O Interfaces**

<b>AC In:</b>	x2
<b>DC Out:</b>	x1

**CONNECTORS**

<b>AC In:</b>	MIL 38999
<b>DC Out:</b>	MIL 38999

**PHYSICAL CHARACTERISTICS**

<b>Dimensions:</b>	240 x 135 x 400m (WxHxD)
<b>Weight:</b>	7,4 kg
<b>Color:</b>	Grey, optional any colour

**ELECTRICAL SPECIFICATIONS**

<b>Power requirements:</b>	90-264 VAC
<b>Max Output:</b>	480W

**ENVIRONMENTAL CHARACTERISTICS**

<b>Designed to fulfill</b>	
<b>(Other standards on request):</b>	MIL-STD-461E MIL-STD-1275B MIL-STD-810G European CE -20° C to +55° C

<b>Temperature Operating:</b>	
<b>Vibration Operating</b>	
<b>(depending on configuration):</b>	10-500Hz 1,04g rms
<b>Shock Operating</b>	
<b>(depending on configuration):</b>	15g, 11ms, ½ sine wave
<b>Humidity:</b>	5% to 95% non condensing
<b>Altitude Operating:</b>	3000m

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