

# 19"/2<sup>®</sup> Power Panel PWR301



## Power you can count on

This rugged power distribution unit lets you securely run six different devices. Your equipment is well protected thanks to individually isolated outlets. Each port has its own fuse which are quick and simple to reset when needed.

### **Built to take a beating**

The Power Panel PWR301 is designed for military use and it is built from the ground up to withstand the harshest conditions over the long haul. It has an aluminium casing, MIL connectors and is designed for operations down to -40 °C. This toughness has been proven on the ground with international combat forces.

### **Guaranteed performance**

Our products always come with lifetime support to ensure your equipment maintains peak performance for many missions to come.

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## Technical Specification

<b>Description</b>	A Power Distribution Unit with one input and six outputs
<b>Power</b>	Max output 10A/channel. Max 20 A in total
<b>Fuses</b>	If a DC output is short circuited or its power consumption is higher than 10A the fuse will be activated. To reset the fuse press the fuse back into position. The fuses are located at the rear of the power panel.
<b>Interfaces (front)</b>	1 x DC in, 10-32 V 6 x DC out, 10-32 V Customer specified connectors are available
<b>Transient power protection</b>	Surge & burst on DC in
<b>Case</b>	Aluminium
<b>Dimensions</b>	220 x 182 x 44 mm (W x D x H)
<b>Weight</b>	2 kg
<b>Certifications</b>	Designed to meet IP54, MIL-STD-810 and MIL-STD-461
<b>Other</b>	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
<b>Altitude</b> Method 500.4, ( <i>procedure II,III</i> )	4572 m (15000 ft)	Rapid decompression 12180 m (40000 ft)
<b>Humidity</b> Method 507.4	Five 48 h test cycles	-
<b>Shock</b> Method 516.5, ( <i>procedure I, IV</i> )	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
<b>Salt fog</b> Method 509.4, ( <i>Procedure I</i> )	-	Salt concentration of 5 % +-1 % (48 h wet +48 h dry/cycle)
<b>Temperature</b> Method 501.4 & Method 502.4, ( <i>procedure I, II</i> )	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 71 °C (-40 °F to 159.8 °F)
<b>Temperature shock</b> Method 503.4 ( <i>procedure I</i> )	-40 °C to +55 °C (-40 °F to +131 °F)	-
<b>Vibration</b> Method 514.5		
- <i>Category 2</i>	-	✓
- <i>Category 14</i>	✓	-
- <i>Category 20 a &amp; b</i>	✓	-

\* Only with optional Peli Case

Designed to meet:

MIL-STD-461F	Limitation	Threshold
<b>EMI radiated</b> Method RE102	10 kHz to 18 GHz	Navy Mobile & Army
<b>EMI radiated</b> Method RS103	2 MHz to 1 GHz	Army
<b>EMI conducted</b> Method CE102	10 kHz to 10 Mhz	Basic Curve
<b>EMI conducted</b> Method CS101	30 Hz to 150 kHz	Curve #1
<b>EMI conducted</b> Method CS114	10 kHz to 200 MHz	Army
<b>EMI conducted</b> Method CS115	Tested according to standard	Army
<b>EMI conducted</b> Method CS116	10 kHz to 100 MHz	Army

