

19"/2[®] AC/DC PWR101



Take control of your current

Our AC/DC unit lets you customize your power supply. You decide what voltage levels are acceptable and set up warnings to protect your equipment from overloads. With double outputs, you can also set devices to different channels and decide which to prioritize.

Never caught off guard

The AC/DC unit gives you plenty of warning when trouble is imminent. But if a sudden shutdown does occur, the AC/DC's Resume Power State feature ensures it re-starts automatically in the same state it were in before shutdown.

Guaranteed performance

Our products always come with a lifetime support to ensure your equipment maintains peak performance for many missions to come. We also serve units and stock spare parts for 5 years after end-of-life.

Mounting

All 19"/2 units can be mounted together in several different ways:

- One 19"/2 unit can be mounted in a 19" rack
- Two 19"/2 units can be mounted together in a 19" rack
- Two or more devices can also be stacked on top of each other

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Technical Specification

Description	AC/DC Adapter built in 19"/2 chassis. It provides 28 V DC at Maximum 9 A (in total).
Power	Input voltage 115 or 230 V AC Output voltage 28 V DC
Overload Warning and Overload Shutoff	The AC/DC is equipped with an overload warning system that indicates when reaching an adjustable current trigger point. The unit starts to flash the DC OUT led when reaching this trigger point. Pressing the power button during overload warning will deactivate the corresponding port. The unit will also shut down output power on each port when a adjustable current trigger point is reached. Pressing the power button during overload shutoff will reactivate the deactivated port.
Interfaces	1 x AC in, 115 or 230 V AC 2 x DC out, 28 V 1 x Service port (back)
Transient power protection	Surge & burst on AC in and DC out
Case	Aluminium
Dimensions	220 x 182 x 44 mm (W x D x H)
Weight	3 kg
Certifications	CE EN55024:1998 EN61000-6-3:2007 LVD 2006/95/EC Designed to meet: MIL-STD-810 MIL-STD-461 IP54
Other	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, (<i>procedure II, III</i>)	2000 m (6562 ft)	Rapid decompression 12180 m (40000 ft)
Humidity Method 507.4	Five 48 h test cycles	-
Shock Method 516.5, (<i>procedure I, IV</i>)	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.4, (<i>Procedure I</i>)	-	Salt concentration of 5 % ± 1 % (48 h wet +48 h dry/cycle)
Temperature Method 501.4 & Method 502.4, (<i>procedure I, II</i>)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temperature shock Method 503.4 (<i>procedure I</i>)	-40 °C to +55 °C (-40 °F to +131 °F)	-
Vibration Method 514.5		
- <i>Category 2</i>	-	√
- <i>Category 14</i>	√	-
- <i>Category 20 a & b</i>	√	-

* Only with optional Peli Case

Designed to meet:

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

