



Air Power Supply

Designed with Isolation - Driven by Pressured Air

- Perfect galvanic isolation with continuous power supply on any voltage level
- Optimized for high voltage applications, ensures MegaVolt isolation
- Isolated energy supply to any sensor or consumer load up to 24W peak

APPLICATION

Isolated continuous power supply in harsh environment

- Galvanic isolation to any level
- High voltage protection
- Floating voltage potential

FEATURES

- Very high isolation voltage (depends on air quality and tube length)
- MicroController (μ C) for power management
- Internal charge control with priority to supply power
- Internal backup battery for air pressure-drop
- Output power peak compensation

ELECTRICAL SPECIFICATION

Output power
 Continuous 10W
 Peak 24W

Available output configurations
 5VDC / 4A
 12VDC / 2A
 24VDC / 1A
 (customized)

Internal battery
 Technology 72Wh
 Li-ion

PNEUMATIC SPECIFICATION

Input pressure typ. 5-6 bar
 max. 7 bar
 Air consumption typ. 100 l/min

Input
 Type e.g. G1/8" (opt. other)

Output
 Silencer exhaust
 Noise typ. 70 dB @ 5 bar

Air Quality
 filtered, unlubricated, oilfree, dry
 min. ISO 8573-1:2010 CLASS 4

PHYSICAL

Dimensions

Width 83 mm (3.27")
 Height 166 mm (6.54")
 Depth 54.2 mm (2.13")
 Weight 700g

Temperature

Operating (Discharge)
 -20 to 60°C (-4°F to 140°F)
 Charge
 0 to 45°C (32°F to +113°F)

Housing

Material: aluminium
 Removable mounting brackets



Li-ion

Specifications are subject to change without prior notice.



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Tout ce qui se mesure s'améliore