

Product information sheet

Product number: 0431224600

Date: 27.06.2026

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DC-DC Converter DD12-24 600 12-24V/25A

Alfatronix DC-DC Converter DD12-24 600 12-24V/25A. 12 VDC input voltage to 27,2 VDC / 25 A (continuous), 30 A (2 min).

- // High efficiency
- // Shock and vibration resistant

DC-DC Converter in compact switched-mode technology with IP53 protection. The DD12-24 600 12-24V/25A is shock and vibration resistant and provides a stable output voltage of 27,2 VDC with up to 25 A (continuous), 30 A (2 min) at an input voltage of 12 VDC. It is characterised by a high efficiency of >90% and can be operated in a temperature range of -25 ... +80°C. The connection is made via a 5-way plug connector with screw lock and plug.

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Technical Information

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|-------------------------------------|---|
| Galvanically isolated | No* |
| Input voltage (DC) | 12 V* |
| Output current | 25 A* |
| Output voltage | 27,2 V* |
| Connector | 5-way plug connector with screw lock and plug |
| International Protection (IP class) | IP53 |
| Level of efficiency | ? 90 % |
| Operating temperature | -25 °C ... +80 °C |
| Dimensions (L x W x H) | 315 x 145 x 95 mm |
| Weight | 1.86 kg |

*In the chosen option