

## Product information sheet

Product number: 0431224400

Date: 19.05.2026

Page: 1/2



Alphatronix\_DD12-24 400-12-24V-400W-16A\_0431224400\_PIC\_00\_cover

# DC-DC Converter DD12-24 400 12-24V/400W/16A

**Alfatronix DC-DC Converter DD12-24 400 12-24V/400W/16A. 12 VDC input voltage to 27,2 VDC / 16 A (continuous), 19.2 A (2 min).**

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

DC-DC Converter in compact switched-mode technology with IP53 protection. The DD12-24 400 12-24V/400W/16A is shock and vibration resistant and provides a stable output voltage of 27,2 VDC with up to 16 A (continuous), 19.2 A (2 min) at an input voltage of 12 VDC. It is characterised by a high efficiency of >93% 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.

## Product information sheet

Product number: 0431224400

Date: 19.05.2026

Page: 2/2



## Technical Information

Galvanically isolated	No*
Input voltage (DC)	12 V*
Output current	16 A*
Output voltage	27,2 V*
Connector	5-way plug connector with screw lock and plug
International Protection (IP class)	IP53
Level of efficiency	> 93 %
Operating temperature	-25 °C ... +80 °C
Dimensions (L x W x H)	260 x 140 x 80 mm
Weight	1.62 kg

\*In the chosen option