

# DC-DC Converter PV18i 24-12 V/18 A

**DC-DC converter, galvanically insulated, with 24 V input voltage to 12 V output voltage in compact switched-mode technology, lightweight, shock and vibration resistant with IP53.**

// Compact switched-mode technology
// Shake and vibration-resistant
// Galvanically insulated

The galvanically insulated DC-DC converter of the PV series easily converts a 24 V on-board power supply voltage into a steady 12 V on-board power supply voltage. The devices in the PV series are characterised by their compact dimensions, low weight and high efficiency.
The DC-DC converter is attached with a practical mounting clip, which makes installation easy and minimises installation time. A green LED indicates the operating status of the DC-DC converter.

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## Technical Information

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|---|---|
| **Galvanically isolated** | Yes* |
| **Input voltage (DC)** | 24 V* |
| **Number of outputs** | 1* |
| **Output voltage (DC)** | 12 V* |
| **Power** | 216 W* |
| **Bias current** | < 15 mA |
| **Connector** | 6.3 mm flat push-on connection |
| **Input voltage range** | 17 … 32 V |
| **International Protection (IP class)** | IP53 |
| **Level of efficiency** | ? 85 % |
| **Operating temperature** | -25 °C ... +30 °C |
| **Output current** | 18 A |
| **Dimensions (L x W x H)** | 50 x 217 x 98 mm |
| **Weight** | 0.835 kg |

*In the chosen option