

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.

LEAB by Micropower Group

Technical Information

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