

DC-DC converter PP 48-12/29

The PP converters of the IP67 series are completely encapsulated. Thus, the devices are waterproof and protected against shocks and vibrations. This makes them particularly robust and excellently suited for use under difficult operating conditions.

// High efficiency
// Reverse polarity protection
// Short-circuit proof

With our DC-DC converters of the PP series, your 12 V on-board voltage can easily be converted to a 24 V on-board voltage and vice versa. The devices of the PP series are characterised by compact dimensions and low weight with a high IP protection class. This makes them a reliable solution, especially under difficult operating conditions.

Technical Information

External Switch	Yes*
Galvanically isolated	Yes*
Nominal voltage	48 V*
Output voltage	13,5 V*
Power	400 W*
Bias current	< 5 mA
Connection AC input	Open Cable End (2 x 2.5 mm²; 0.5 m)
Connection DC output	Open cable end (2 x 6 mm², 0.5 m)
Input current, max.	12 A
Input voltage range	36 … 65 V
International Protection (IP class)	IP67
Level of efficiency	? 96 %
MIL	Nein
Operating temperature	-40 °C ... +70 °C
Output current	29 A
Dimensions (L x W x H)	150 x 93 x 31 mm
Weight	0.82 kg

*In the chosen option