

DC-DC charging converter SP21030E10 24-12/30

With the SP21030E10 DC-DC charging converter, you can charge 12 V batteries from 24 V vehicle electrical systems as well as operate 12 V consumers in 24 V vehicles.

// Under and over voltage protection
// Reverse voltage protection
// Voltage transient protection
// Over load and short circuit protection
// Thermal overload shutdown

The DC-DC charging converter SP21030E10 24-12/30 halves the input voltage (input voltage range 15.8 V ... 32.9 V) and thus enables the operation of 12 V consumers and the charging of 12 V batteries on 24 V vehicle electrical systems. The output current is 30 A to max. 34 A. The charging converter also has protection against short circuits, overtemperature, overload, undervoltage/overvoltage and reverse polarity.

Technical Information

Bias current	< 15 mA
Housing	Aluminium
Input voltage range	12.6 … 33 V
Operating temperature	-40 °C ... +85 °C
Output current	30 A (max. 34 A)
Output voltage (DC)	V (in) / 2
Dimensions (L x W x H)	196 x 144 x 62 mm
Weight	1.67 kg

*In the chosen option