

# 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.

LEAB by Micropower Group

# Technical Information

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|---|---|
| **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