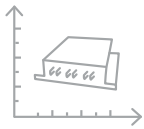


DC-Converter 700-Serie

729-57-ON

450W, isolated DC/DC buck-boost converter

«Designed in Switzerland, made in Germany, proven in the World»



130x130x28mm



900g



450W



SPECIFICATIONS

ultra wide input voltage range	12...32VDC
Max. input peak voltage	35 VDC
efficiency	95% (nominal load)
Output voltage / output power	57.0 VDC / 450 watts
Typical max. output current	8.4 ADC
Extrem high specific power per weight (gravimetry)	0.5 watts/gramm
EMC-type-test	☑

DC-CONVERTER 729-57-ON

DC/DC converter for automotive technology with E13 approval.

Galvanically isolated Li-Ion DC/DC battery charging converter with extended input voltage range from 12V to 32V. The output voltage is 57VDC and is preset. Thanks to the ON control signal, this DC/DC converter is also compatible with the D+ control signal.

FEATURES

- ◇ isolated DC/DC buck-boost converter
- ◇ robust and climate proof design
- ◇ excellent thermal characteristics
- ◇ permanently no-load and short-circuit proof
- ◇ integrated EMI input and output filter
- ◇ no power derating
- ◇ for ambient temperatures between -40°C / +85°C
- ◇ thermal shutdown at +90°C
- ◇ CC/CV charging characteristic