

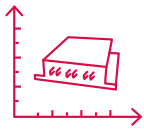


## DC-Transformer 700-Serie

729-57-SD

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...16VDC
Max. input peak voltage	18 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	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 729-57-SD

DC-DC-Converter for automotive applications with E13-certification.

Galvanically isolated Li-Ion DC-DC battery charger for the primary side optimized 13.8V input of a generator. The output voltage is 57VDC and is preset. The output voltage can be customized in a wide range (e.g. from 27V to 90V). The U/I characteristic can also be customized.

[News article](#) available and more [Productinformation](#).

### 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



Please check technical Datasheet for further information on [www.demke-electronic.com](http://www.demke-electronic.com)