

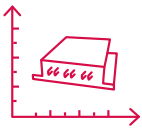


## DC-Transformer 700-Serie

767-13.8-SD

400W, isolated DC/DC buck converter

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



130x130x28mm



900g



400W



### SPECIFICATIONS

ultra wide input voltage range	30...80VDC
Max. input peak voltage	85 VDC
efficiency	94% (nominal load)
Output voltage / output power	13.8 VDC / 400 watts
Typical max. output current	34.0 ADC
Extrem high specific power per weight (gravimetry)	0.4 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 767-13.8-SD

The galvanic DC-DC converter with 13.8V output voltage is designed for vehicles and mobile applications of any kind. The maximum output power is currently 400W at 13.8V. Tailor this customizable and configurable DC-DC converter for your application e.g. as:

Galvanically isolated DC/DC converter 28V,  
Galvanically isolated DC/DC converter 42V,  
Galvanically isolated DC/DC converter 64V,

just to name a few examples.

Adjust your isolated output voltage from the primary side, i.e. switch from 12VDC to 14.4VDC.

### FEATURES

- ◇ isolated DC/DC buck 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)