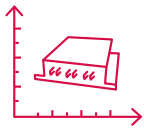


## DC-Transformer 700-Serie

767UH-27.6-SD  
500W, isolated DC/DC buck converter

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



130x130x28mm



900g



500W



### SPECIFICATIONS

ultra wide input voltage range	30...110VDC
Max. input peak voltage	125 VDC
efficiency	95% (nominal load)
Output voltage / output power	27.6 VDC / 500 watts
Typical max. output current	18.0 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 767UH-27.6-SD

The 767UH-27.6-SD galvanically isolated DC-DC converter is designed as a battery charging converter for truck applications with 28V battery and 500W output power. The 27.6V version further completes the 767UH series.

DC-Transformer 767UH-13.8-SD, 30...110V input, 13.8V/34A output, 12V battery charging converter.

DC-Transformer 767UH-24-SD, 30...110V input, 24V/21A output.

DC-Transformer 767UH-27.6-SD, 30...110V input, 27.6V/18A output, 2x12V resp. 28VDC battery charging converter.

Further configurable for your application. Ask for it.

### 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)