

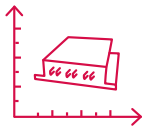


## DC-Transformer 700-Serie

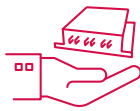
757-24-SD

600W, isolated DC/DC buck-boost converter

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



130x130x27mm



900g



600W



### SPECIFICATIONS

ultra wide input voltage range	18...70VDC
Max. input peak voltage	75 VDC
efficiency	95% (nominal load)
Output voltage / output power	24.0 VDC / 600 watts
Typical max. output current	25.0 ADC
Extrem high specific power per weight (gravimetry)	0.7 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 757-24-SD

Galvanically isolated DC-DC converter with 24V output for the electric vehicle sector, optimized for the 48V input of Li-Ion batteries. Supercapacitor-powered mobile applications are another possible area of application. The DC-DC converter discharges the supercaps up to 12V. The high input currents up to 40A and the very low internal resistance of the supercapacitors do not cause this device any trouble!

### 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)