

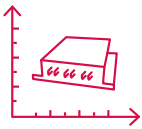


DC-Transformer 700-Serie

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