

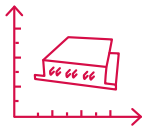


## DC-Transformer 700-Serie

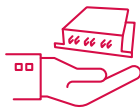
757-28-SD

700W, isolated DC/DC buck-boost converter

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



130x130x27mm



900g



700W



### SPECIFICATIONS

ultra wide input voltage range	19...70VDC
Max. input peak voltage	75 VDC
efficiency	95% (nominal load)
Output voltage / output power	28.0 VDC / 700 watts
Typical max. output current	25.0 ADC
Extrem high specific power per weight (gravimetry)	0.8 watts/gramm
EMC-type-test	<input checked="" type="checkbox"/>

### DC-TRANSFORMER 757-28-SD

The DC/DC converter with 28VDC output voltage at 25A rated current is best suited for 24/7 supercapacitor operated AGVs or shuttles. The constant short-circuit current of about 26A and the wide input range of 18 to 70VDC give this galvanically isolated DC/DC up/down converter ideal characteristics in harsh applications. Due to the polyurethane encapsulation and the integrated cable connections, the device has excellent climate-proof properties.

Adjustments in the open circuit voltage and thus the charging end voltage are very easy and possible at any time.

We are looking forward to your inquiry!

### 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)