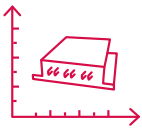


## DC-Transformer 300-Serie

355W1-12.3-SD  
100W, isolated DC/DC buck converter

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



77x52x19mm



166g



100W



### SPECIFICATIONS

ultra wide input voltage range	16...100VDC
Max. input peak voltage	125 VDC
efficiency	92% (nominal load)
Output voltage / output power	12.3 VDC / 100 watts
Typical max. output current	8.0 ADC
Extrem high specific power per weight (gravimetry)	0.6 watts/gramm
EMC-type-test	

### DC-TRANSFORMER 355W1-12.3-SD

Functionally isolated, customizable DC-DC converter with quasi CC-CV charging characteristics. In addition to a wide range of customer-specific adaptations, reinforced insulation is also possible. This PSU supplies power to displays. Please observe the diagram for CC-CV charging characteristics.

### 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



Please check technical Datasheet for further information on [www.demke-electronic.com](http://www.demke-electronic.com)