

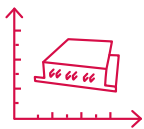


DC-Transformer 200-Serie

251E-28-SD

300W, non-isolated DC/DC buck-boost converter

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



90x90x26mm



335g



300W



SPECIFICATIONS

| | |
|--|----------------------|
| ultra wide input voltage range | 16...36VDC |
| Max. input peak voltage | 37 VDC |
| efficiency | 97% (nominal load) |
| Output voltage / output power | 28.0 VDC / 300 watts |
| Typical max. output current | 11.0 ADC |
| Extrem high specific power per weight (gravimetry) | 0.9 watts/gramm |
| EMC-type-test | |

DC-TRANSFORMER 251E-28-SD

Buck-Boost DC-DC converter with internal decoupling diode, suitable as a charging converter and optimized parallel connection. It is recommended to use its successor part 257E-28-SD for new designs. Output voltages up to 48V can be realized with the new generation dc-dc power supply. Contact us at any time for more information on this DC-input battery charger.

FEATURES

- ◇ non-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



Please check technical Datasheet for further information on www.demke-electronic.com