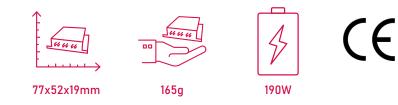




DC-Transformer 100-Serie

145-19-SD 190W, non-isolated DC/DC buck converter

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



SPECIFICATIONS

ultra wide input voltage range	21100VDC
Max. input peak voltage	125 VDC
efficiency	97% (nominal load)
Output voltage / output power	19.0 VDC / 190 watts
Typical max. output current	10.0 ADC
Extrem high specific power per weight (gravimetry)	1.2 watts/gramm
EMC-type-test	

DC-TRANSFORMER 145-19-SD

An extremely compact DC DC converter with 19V output voltage, developed for mobile, space-saving computer and IT applications.The Demke DC Transformer 145-19-SD delivers 10A output current at 19VDC – 19.5VDC without power derating over a wide temperature range from -40°C to +85°C. The 19V dc dc converter is used as a mobile charger for laptops or notebooks in mobile warehouse management systems. If you want to adapt this DC DC Converter, please have a look at our DC-Master.

FEATURES

- on non-isolated DC/DC buck converter
- ◊ robust and climate proof design
- excellent thermal characteristics
- opermanently no-load and short-circuit proof
- integrated EMI input and output filter
- on 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