



DC-DC Step Down Converter

Model
STEP-20
20 Amps

Design features

- Advanced switchmode design
- Mountable in almost any location
- ECE-R10 Automotive approval
- Compact and light weight
- Reverse polarity protection
- High efficiency
- Overvoltage and overload protection
- Short circuit protected
- 2 years warranty

Application examples

- Industrial
- Marine
- Solar

2 YEAR LIMITED WARRANTY

MODEL NO.	STEP-20
CAUTION! THERE IS NO ISOLATION BETWEEN THE INPUT AND THE OUTPUT INPUT AND OUTPUT HAVE A COMMON NEGATIVE. FOR ISOLATION WE OFFER OUR IDC DC / DC CONVERTERS	
INPUT AND OUTPUT	
Input to Output Isolation	Not isolated. Input and output connections have a common negative.
Input Voltage	9 to 18 VDC
Output Voltage	25 VDC
Output Voltage Stability	+ 0% / -5%
Input Current at No Load	< 30 mA
Output Current Continuous	20 A
Output Ripple and Noise	Less than 50 mV RMS
Efficiency	~ 92%
PROTECTIONS	
Overload	By current limiting
Over heating	Drop output voltage
Reverse Polarity	Fuse protection
Over voltage	Varistor (also protections agains load dump)
COMPLIANCE	
Approval	CE & Automotive (ECE-R10)
ENVIRONMENTAL	
Operating Ambient Temperature	- 20° to + 30° C (derate linearly to zero at 70° C)
Humidity	Max. 95%. non condensing
DIMENSIONS AND WEIGHT	
DIMENSIONS (L X W X H)	152 x 92 x 90 mm
WEIGHT	0.83 kg

NOTE: Specifications are subject to change without notice