



DC-DC Step Down Converters

Model
SDC-15
12 Amps

Design Features

- Advanced switch-mode design
- Compact and light weight
- Reverse polarity protection
- High efficiency
- Cycle by cycle current limiting circuit
- Over voltage protection
- Short circuit protection

2 YEAR LIMITED WARRANTY

MODEL NO.		SDC-15
CAUTION! THERE IS NO ISOLATION BETWEEN THE INPUT AND THE OUTPUT INPUT AND OUTPUT HAVE A COMMON NEGATIVE		
OUTPUT	OUTPUT VOLTAGE	13.8 VDC \pm 0.1 V
	CONTINUOUS OUTPUT CURRENT	12 A
	PEAK OUTPUT CURRENT	15 A
	CURRENT LIMIT	16 \pm 0.5 A
	LOAD REGULATION	< 0.5%
INPUT	INPUT VOLTAGE	20 - 35 VDC
	INPUT CURRENT AT NO LOAD	< 150 mA
	LINE REGULATION	< 0.5%
	EFFICIENCY (at maximum output)	> 88%
	RIPPLE	< 10 mV P-P @ 12 A
FUSES	NOISE	< 40 mV P-P @ 12 A
	INTERNAL INPUT FUSE (Inside the fuse holder)	10A, 250V (Bussmann AGC-10 or equivalent)
	EXTERNAL INPUT FUSE (at the battery end) (Not supplied)	10A, 32V (Automotive Blade Type : ATO/ATC)
	EXTERNAL OUTPUT FUSE (Not supplied)	15A, 32V (Automotive Blade Type : ATO/ATC)
WIRES	PROTECTIONS	Overload, short circuit
	INPUT WIRE SIZE	#12 AWG
	OUTPUT WIRE	#10 AWG
ENVIRONMENT	OPERATING ENVIRONMENT	Indoor use
	OPERATING TEMPERATURE RANGE	0°C - 40°C / 32° - 104°F
GENERAL	DIMENSIONS, MM (W x D x H)	198 x 122 x 60
	DIMENSIONS, INCHES (W x D x H)	7.8 x 4.8 x 2.4
	WEIGHT, KG	0.9
	WEIGHT, LB	2

NOTE: Specifications are subject to change without notice