



FEATURES:

- Advance switchmode design
- Mouthin almost any location
- Compact and light weight
- Reverse polarity protection
- High efficiency
- Cycleby cycle current limiting circuit
- Over voltage protection
- Short circuit protection

APPLICATIONS:

- Earth moving equipment
- Heavy trucks
- Buses
- Marine vehicles
- CB radius
- 12V lighting systems
- AM/FM sound systems

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	12A
	PEAK OUTPUT CURRENT	15A
	CURRENT LIMIT	16 \pm 0.5A
NOISE	INPUT CURRENT AT NO LOAD	< 150 mA
	INPUT VOLTAGE	20 - 35 VDC
	LOAD REGULATION	0.15V, 26V, 0 - 12A
	EFFICIENCY (at maximum output)	> 88%
FUSES	RIPPLE	< 10 mV P-P @ 12 A
	NOISE	< 40 mV P-P @ 12 A
	OPERATING TEMPERATURE RANGE	0 - 40°C
	EXTERNAL INPUT FUSE (at the battery end)	32V, 10A
WIRES	EXTERNAL OUTPUT FUSE	32V, 15 A
	PROTECTIONS	Overload, short circuit
	INPUT WIRE SIZE	#12 AWG
	OUTPUT WIRE	#10 AWG
GENERAL	DIMENSIONS, MM (L x W x H)	60 x 122 x 198
	DIMENSIONS, INCHES (L x W x H)	2.4 x 7.8 x 4.8
	WEIGHT, KG	0.9
	WEIGHT, LB	2