



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-23
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	20 A
	PEAK OUTPUT CURRENT	23 A
INPUT	CURRENT LIMIT	24 \pm 0.5 A
	INPUT VOLTAGE	20-35 VDC
	INPUT CURRENT AT NO LOAD	< 150 mA
	LOAD REGULATION	0.15 V, 26 V, 0 - 20 A
	EFFICIENCY (at maximum output)	> 88%
FUSES	RIPPIE	< 50 mV P-P @ 20 A
	NOISE	< 120 mV P-P @ 20 A
	OPERATING TEMPERA TURE RANGE	0 - 40° C
	EXTERNAL INPUT FUSE (at the battery end)	32 V, 10 A
WIRES	EXTERNAL OUTPUT FUSE	32 V, 15 A
	PROTECTIONS	Overload, short circuit
	INPUT WIRE SIZE	#10 AWG
GENERAL	OUTPUT WIRE	#8 AWG
	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	1
	WEIGHT, LB	02 02