



DC-DC Step Down Converters

Model
SDC-15
12 Amps

Design Features

- Advanced switchmode design
- Mount in almost any location
- Compact and light weight
- Reverse polarity protection
- High efficiency
- Cycle by cycle current limiting circuit
- Over voltage protection
- Short circuit protection

Applications

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

2 YEAR 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 |
| INPUT | INPUT CURRENT AT NO LOAD | < 150 mA |
| | LOAD REGULATION | 0.15 V, 26 V, 0 - 12 A |
| | EFFICIENCY (at maximum output) | > 88% |
| | RIPPLE | < 10 mV P-P @ 12 A |
| | NOISE | < 40 mV P-P @ 12 A |
| FUSES | OPERATING TEMPERATURE RANGE | 0 - 40° C |
| | EXTERNAL INPUT FUSE (at the battery end) | 32 V, 10 A |
| | EXTERNAL OUTPUT FUSE | 32 V, 15 A |
| | PROTECTIONS | Overload, short circuit |
| WIRES | 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 |

NOTE: Specifications are subject to change without notice