

# SWITCHING MODE STEP UP DC-DC CONVERTER

SDC-310

## Description

This series of DC-DC Switching Mode Converters are built to meet the high current applications at 28VDC. In addition to the high efficiency, the low profile construction makes use of the heat sinks as main body of the robust, rugged housing of the unit. The OVP (Over Voltage Protection) protects sensitive electronic equipment.

## Features

- High efficiency 88%
- High power density
- Output over voltage protection
- Short circuit and overload protection
- LED power on indicator
- EMC INTERFERENCE IMMUNITY
- Power ON - OFF Switch



## Specifications

Models	SDC-310
Input Voltage Range	10-16VDC
Output Voltage	28VDC $\pm$ 0.5VDC
Continuous Output Current	8A
Maximum Output Current	10A
Ripple & Noise (peak-peak)	$\leq$ 5mV
Load Regulation (0-100% Load)	300mV
Line Regulation (10-15V Variation)	150mV
Efficiency	>88%
Input & Output Connection Type	Input: Cable Output: One set banana screw on type and one set philips screw type
Indicators	Power ON LED
Cooling System	Natural Convection
Protection Devices	Overload, Short Circuit
Input Fuse Type	Standard Car Blade Fuse
e-Mark Approval	e11 02 2981
Dimensions (WxHxD)	156x57x130 mm 6.1x2.2x5.1 inch
Weight	1.0 kg 2.2 lbs
Accessory	Mounting Bracket

\* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

\* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE