

ISOLATED STEP UP DC-DC CONVERTER

S5DC-305

Description

This input and output isolated DC-DC Step Up Converter is designed for negative, positive and floating ground dc system and loads that requires galvanic isolation between the input source and the active loads. The switching mode conversion results high operation efficiency with low standby current. The power on off switch provides further conservation of energy for long period of inactive operation.

Features

- Output and input isolated.
- Low standby current.
- High Efficiency 84%.
- Protection against transient voltages.
- EMC interference immunity.
- Overload & short circuit Protection.
- LED power on and fault indicator.
- Supplied with Mounting brackets.



Specifications

Models	S5DC-305
Input Voltage Range	10-16VDC
Output Voltage	28VDC \pm 0.5VDC
Continuous Output Current	5A
No Load Input Current	60mA
Full Load Input Current	12.6A
Ripple & Noise (peak-peak)	\leq 15mV
Load Regulation (0-100% Load)	200mV
Line Regulation (10-15V Variation)	250mV
Efficiency	$>$ 84%
Input & Output Connection Type	Input: Cable Output: Cable
Indicators	Power ON LED
Cooling System	Natural Convection
Protection Devices	Overload, Short Circuit
Approval	CE EN 55022
Dimensions (WxHxD)	150x47x150 mm 6.0x2.0x6.0 inch
Weight	1.1 kg 2.4 lbs

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

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE