

13.8VDC ISOLATED STEP DOWN DC-DC CONVERTER

SSDC-2215

Description

This input and output isolated DC-DC voltage reducer 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 86%.
- Protection against transient voltages.
- EMC interference immunity.
- Overload & short circuit Protection.
- LED power on and fault indicator.
- Supplied with Mounting brackets.



Specifications

Models	SSDC-2215
Input Voltage Range	20-30VDC
Output Voltage	13.8VDC
Continuous Output Current	15A
No Load Input Current	100mA
Full Load Input Current	10A
Ripple & Noise (peak-peak)	≤10mV
Load Regulation (0-100% Load)	100mV
Line Regulation (20.5-30V Variation)	100mV
Efficiency	>86%
Input & Output Connection Type	Input: Cable Output: Terminal
Indicators	Power ON LED
Cooling System	Natural Convection
Protection Devices	Overload, Short Circuit
Input Fuse Type	Standard Car Blade Fuse
Approvals	CE EN 55022
Dimensions (WxHxD)	156x57x127 mm 6.1x2.2x5.0 inch
Weight	1.2 kg 4.4 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