

MAAS SDC 5212

VOLTAGE REDUCER 24 VDC/12 VDC | 12-16 A



This new generation of SDC-5200 series of voltage reducers offer regulated 13.8 V DC power from 20-30VDC source such as Land Rovers , commercial vehicles, recreation vehicles , farming equipment and other diesel power vehicles. The very compact , lightweight and no vent hole casing construction is possible because of the highly efficient , switch mode design with surface mount devices.

Features

- Low heat output and low standby current take out the need for an external power on-off switch.
- The plastic clip-on mounting system makes the installation easy even in awkward to reach spot.
- The unit is tamper and dust proof because of no vent holes and no external fuse construction.
- The PCB component layout is designed and built for vibration loosening resistant, and with moisture proof coating making it ideal for off-road and harsh environments.
- The advanced switching mode circuit design results a cool, silent, no humming and no high frequency noise operation.
- Electronic safeguards and fail-safe feature such as OVP ensure good protection to expensive connected equipments even when there is a fault in the unit.
- The 13.8VDC output can be used as a source for float charge for 12V auxiliary battery.
- Typical applications for this new generation of DC-DC converters are:
 - Radio communications, car entertainment such as DVD player, printers , on board computers, security system , GPS,
 - auxiliary lights , spot lights , charging of 12V auxiliary battery, and etc.

Specifications SDC 5212

Input voltage range : 18-38 VDC
 Output voltage range : 13,8 VDC
 Continuous output current : 12 A
 Max. output current : 16 A
 No load current : < 50 mA
 Ripple & Noise : 15 mV
 Efficiency : > 90%
 Cooling system : natural convection
 Max. operating temperature : 50 °C
 Internal input fuse (glass type) : 20 A
 Dimensions : B 142 x H 75 x D 32 mm
 Weight : 380 g



Article id: **MAAS SDC 5212**

Price: **€ 60,95**

ex VAT € 50,37