

# MAAS SDC 5220

## VOLTAGE REDUCER 24 VDC/12 VDC | 18-20A



This new generation of SDC-5200 series of voltage reducers offer regulated 13.8 V DC power from 20-30 VDC 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

Input voltage range : 18-38 VDC  
 Output voltage range : 13,8 VDC  
 Continuous output current : 18 A  
 Max. output current : 20 A  
 No load current : < 80 mA  
 Ripple & Noise : 25 mV  
 Efficiency : > 90%  
 Cooling system : natural convection  
 Max. operating temperature : 50 °C  
 Dimensions : W 162 x H 75 x D 32 mm  
 Weight : 365 gr

<b>Article id:</b>	<b>MAAS SDC 5220</b>	
<b>Price:</b>	<b>€ 79,00</b>	<b>ex VAT € 65,29</b>