

DC-DC Converters - 24V - 12V 10A-20A Waterproof

This new range of up to 20A waterproof 24-12V DC DC converters allow for **continuous activation or an ignition on/off ability**. This makes them ideal for marine or truck use where one is not always able to find that perfect dry position to install the product and then have the ability to manually turn the unit on or off.

Mode 1.

On all the time. where the product works between the voltages specified and is not controlled by the engine being on or off this requires a stand by current consumption of about 20-30mA = about 4-5A per week.

Not suitable for charging auxiliary battery systems. This is **not** a low cost Battery to Battery charger / advanced charger. This is a standard DC-DC converter with the added waterproof aspect.



Mode 2

Manual or ignition feed activation option where the product is activated by ignition feed from the engine or a separate switch. The advantage of this is that it eliminates the standby current consumption. This is ideal where vehicles are involved in long term idleness, or, you only want the 12V when engine is running.

Safety Features

- 1 Cooling / Convection / Fan assistance.
- 1 Input reverse polarity
- 1 Output reverse polarity
- High Temperature trip
- Overload protection
- Short circuit protection

Specification:	10A Model	20A Model
Feature	10A Model	20A Model
Waterproof	IP66	IP66 w/ IP55 Fan
Input V	DC 20V-35V	DC 20V-35V
Standby load on Automatic Mode	20mA	20mA
Standby load on Ignition Feed	0mA	0mA
Output current (continuous)	10A	20A
Output current (for 10 minutes)	12A	25A
Output current (maximum)	15A	35A
Efficiency	90%	90%

DC to DC waterproof converters						
DC Input (V)	DC output (V)	Input (A)	Size L x W x D	Weight kg	Code	
24	12	20	145 x 110 x 120	3	DCW20	
24	12	10	145 x 110 x 120	3	DCW10	