





## **Overview**

The DCDC18R Boost Regulator accepts an 11 to 16 Vdc input and boosts it to 18 Vdc, allowing a vehicle to recharge CR3000, CR5000, or CR23X sealed rechargeable batteries. The DCDC18R conveniently attaches to the side of the sealed rechargeable base next to the charger input.

## **Technical Description**

Supply voltage from the vehicle is connected to the DCDC18R's Vin terminals. Regulated voltage to charge the

datalogger's sealed rechargeable power supply are sourced from the Vout terminals.

## **Specifications**

Maximum Input Current	2.25 A
Input Voltage	11 to 16 Vdc
Output Voltage	18 Vdc ±5%
Quiescent Current	4 mA
Output Current	up to 1.0 A

Power Conversion Efficiency	80 to 90%
Operating Temperature Range	-40° to +60°C
Dimensions	6.4 x 8.6 x 2.8 cm (2.5 x 3.4 x 1.1 in.)
Weight	91 g (3 oz)





For comprehensive details, visit: www.campbellsci.eu/dcdc18r

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