



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 