

THE POWER OF

REDARC

[REDARCELECTRONICS.COM/BCDC-TRAILER](https://redarcelectronics.com/bcdc-trailer)



Contact REDARC Technical Support on the numbers below for free technical and product support or send an email to power@redarcelectronics.com. A complete list of our distributors can be found at redarcelectronics.com/distributors

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Mexico +52 (558) 526 2898

REDARC Corporation

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International head office

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8am to 5.30pm Australian Central Standard Time Monday to Friday

THE POWER OF
REDARC



BCDC TRAILER
CHARGE WHILE YOU HAUL.

POWER WITHOUT IDLING.



Charge your trailer battery while on the go with REDARC's BCDC Trailer Charger range, the ultimate solution for on-board DC charging. Suitable for applications where the input current required to charge the trailer battery is drawn through the vehicle's towing harnesses and connectors.

With a BCDC Trailer Charger on-board you can keep your trailer's battery fully charged while on the move, eliminating the need for unnecessary idling and reducing the dependence on shore power charging. With a built-in smart battery isolator, your tow vehicle's battery is also protected from over discharge, ensuring you won't be left with a flat battery.



7 PIN CONNECTION

Connect and charge directly through your trailer plug for easy installation into any typical trailer battery setup.



FUSE PROTECTION

Controls power to avoid overloading 7 pin connectors and protect your tow vehicle's wiring & fuses.



SEAMLESS INTEGRATION

Optimal trailer battery charging for all common battery makes and chemistries, including Standard Lead-Acid, Calcium, Gel, AGM and Lithium LiFePO₄.



COMPLETE SYSTEM

Combine with REDARC's Smart Battery Monitor to monitor your trailer battery levels through the RedVision smartphone app.



MAXIMIZE BATTERY LIFE

Protect, maintain and extend your trailer battery's health during every use. Featuring an inbuilt isolator and three step charging process to ensure your trailer battery receives the right amount of power.



START BATTERY STAYS CHARGED & READY TO GO

The BCDC Trailer features a battery isolator to ensure your start battery is automatically disconnected from the secondary system when the vehicle is off. Keeping your vehicle powered and ready to go at a moment's notice.



**ALWAYS
CHARGED AND
READY TO WORK.**



BCDC TRAILER

BCDC1212T

The ideal battery charger for trailers - such as dump trailers, work trailers, car trailers and camper vans - with electrical equipment and accessories (for example, lights, hydraulic pumps, winches and fridges).

- Install anywhere - Fully sealed electronics making it suitable for external installation.
- Keep your dump trailer charged throughout the day avoiding having to return back to the worksite to charge up.



**CHARGE YOUR
TRAILER FROM
MULTIPLE SOURCES.**

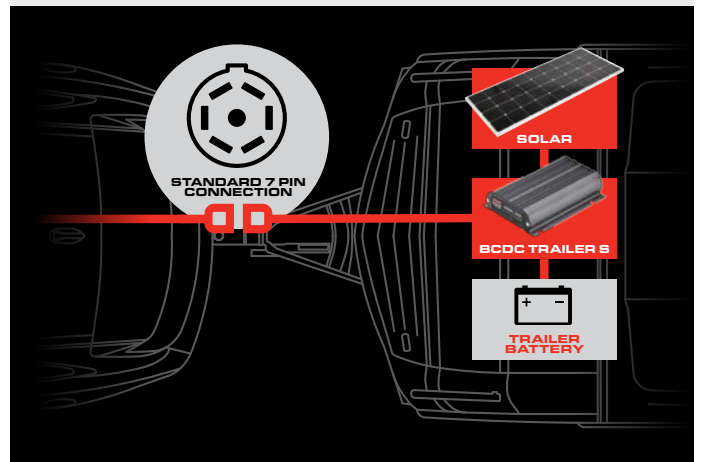
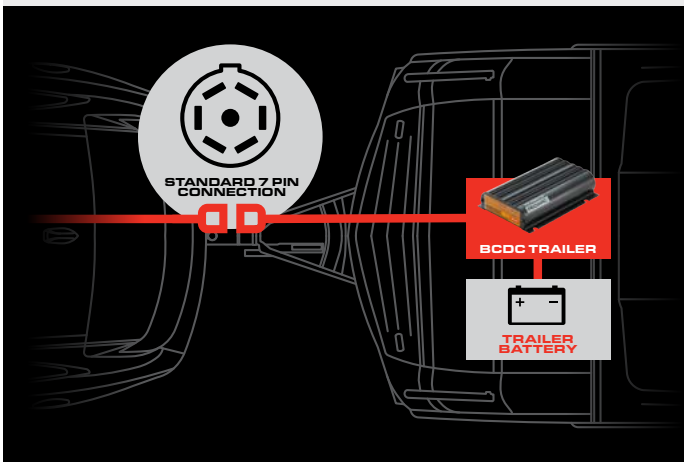


BCDC TRAILER S

BCDC1212S

The ideal battery charger for enclosed trailers - such as RV, cargo, service, gooseneck, boat and travel trailers.

- Combines a 12A tow vehicle charger and a 40A MPPT solar regulator into one unit for simplified power management.
- 40A solar regulator enhances off-grid adventures, enabling longer and more reliable power supply.
- The Green Power Priority algorithm will always charge from solar power before supplementing with vehicle power.



Specifications	BCDC1212T				BCDC1212S			
Continuous Vehicle Rating	12 A				12 A			
Continuous Solar Rating	-				40 A			
Charging Profile	A	B	C	Li	A	B	H	Li
Maximum Voltage	14.6 V	15.0 V	15.3 V	14.2 V	14.6 V	15.0 V	14.2 V	
Vehicle Input Fuse Rating	15 A to 23 A / 30 A (Not supplied)				23 A / 30 A (Not supplied)			
Weight	1.88 lbs (850 g)				1.98 lbs (900 g)			
Dimensions (L x W x H)	6.5" x 4.75" x 1.5" (165 x 120 x 37 mm)				6.5" x 4.75" x 1.5" (165 x 120 x 37 mm)			

Voltages specified are $\pm 100\text{mV}$.