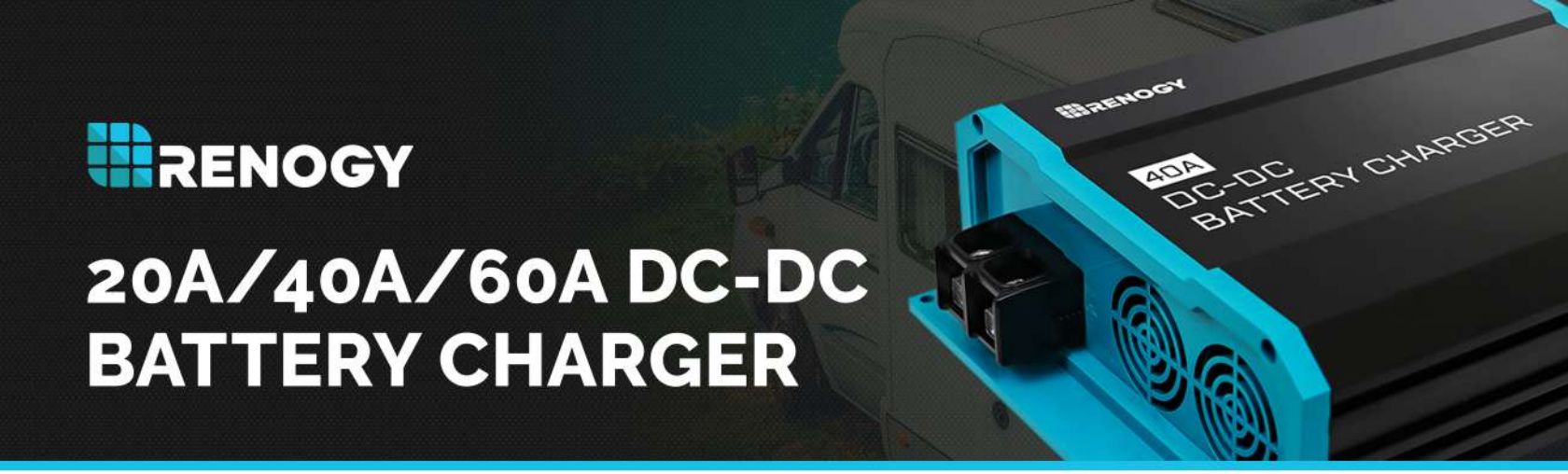
RENOGY

20A/40A/60A DC-DC BATTERY CHARGER





RENOGY **20A/40A/60A DC-DC BATTERY CHARGER**

With the Renogy DC-DC charger you will be able to keep your auxiliary battery system always charged when you are on the road.
The Renogy DC-DC Battery Charger is designed for dual battery systems to ensure the auxiliary battery system is operating at peak efficiency for longer when you are off the grid. The DC-DC charger will safely charge the auxiliary battery bank from the starter battery when the engine is running. A great addition to your RV, Boat, or any other off-grid vehicles.

KEY **FEATURES**

- **Multi-Chemistry Battery Types (Flooded, Gel, AGM, and Lithium)**
- **Smart Protection Features (Battery Isolation, Over-voltage safety, Overheat protection, and Reverse polarity protection)**
- **3-phase Charging (Bulk, Absorption , and Float)**
- **Built tough for all conditions**
- **Able to charge an auxiliary battery to 100% state of charge**
- **Increases run time of loads, such as fridges and lights**
- **Overcomes voltage drop caused by long cable runs**
- **Prolongs Battery Life**

RENOGY.COM 2775 EAST PHILADELPHIA ST. ONTARIO, CA 91761

Parameters

Model	RNG-DCC1212-20	RNG-DCC1212-40	RNG-DCC1212-60
Transformation	12V -> 12V		
Nominal Input Voltage	12V		
Input Voltage Range	8V ~ 16V		
Charging Current	20A	40A	60A
Charging Voltage	13.2V ~ 14.7V		
Output	250W	500W	750W
Residual Rupple of Output Voltage at Rated Current	< 50 mVeff		
Efficiency up to	90%		
Idle Power Consumption	< 0.4 A		
Ambient Temperature for Operation	-20°C ~ 50°C | -4°F ~ 122°F		
Ambient Humidity	≤ 95% Non-Condensing		
Dimensions (WxDxH)	211 x 175 x 68 mm 8.3 x 6.39 x 2.7 in	261 x 175 x 68 mm 10.3 x 6.9 x 2.7 in	311 x 175 x 68 mm 12.2 x 6.9 2.7 in
Weight	1.33 kg. 2.93 lbs.	1.88 kg. 4.14 lbs.	2.40 kg. 5.29 lbs.
Inspection/Certification	CE		

Protective Function Specifications

Protections @ Input	High-voltage, low-voltage, reverse-polarity, high-temperature, short-circuit
Low Voltage Cut Off	8V
Low Voltage Restart	10V
High-Voltage Shutdown	16V
High Voltage Restart	15.5V

