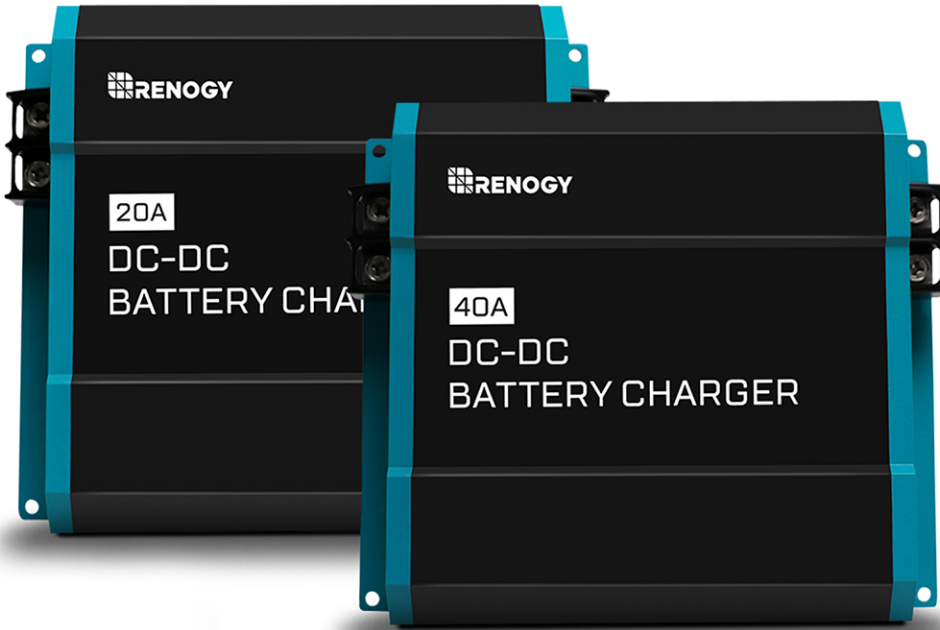




# 20A/40A DC-DC BATTERY CHARGER



## RENOGY 20A/40A 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



Model#	Input Voltage Range	Charging Voltage Range	Amperage Rating	Dimensions	Weight
DCC1212-20	8V-16V	13.2V-14.7V	20A	8.3x6.9x2.7 in	2.9 lbs
DCC1212-40	8V-16V	13.2V-14.7V	40A	10.3x6.9x2.7 in	4.1 lbs

## Parameters

Model	DCC 1212-20	DCC 1212-40
Transformation	12V-12V	
Nominal Input Voltage	12V	
Input Voltage Range	8V-16V	
Charging Current	20A	40A
Charging Voltage	13.2V-14.7V	
Output	250W	500W
Residual Ripple of Output Voltage at Rated Current	<50 mVeff	
Efficiency up to	90%	
Idle Power Consumption	<0.4A	
Ambient Temperature for Operation	-20°C to +50°C	
Ambient Humidity	<95%Non-Condensing	
Dimensions (WxDxH)	8.3 * 6.9 * 2.7 in	10.3 * 6.9 * 2.7 in
Weight	2.9 lbs	4.1 lbs
Inspection/Certification	CE	

