

## 20A BatteryLink® Chargers **NEW**

Charge two batteries at or away from the dock with a 20A multistage battery charger and integrated 170A Automatic Charging Relay (ACR)

- AC charging at the dock: Use AC shore power to charge two isolated battery banks with the 3 Stage 20 Amp battery charger
- DC charging away from the dock: Share the DC power from the alternator with both the Start and the Auxiliary battery through the integrated 170A ACR
- Battery Temperature Compensation prolongs battery life
- Start isolation protects sensitive electronics from voltage sags and spikes
- Emergency parallel allows remote ability to jump start by combining both batteries if start battery is low
- Includes LED remote indicator for charge status at the helm
- Snap-on insulating cover
- One-piece stainless flange nuts ensure safe and secure connections

### Specifications

Nominal Output Voltage	12V DC
Total Output Current	20A
Output Connections	2 positive, 1 negative
Universal AC Input Voltage	90V–265V AC
Input Frequency Range	50/60 Hz
Typical Float Voltage	13.5V DC
ACR Continuous Rating	170A
ACR Intermittent Rating (5 min.)	115A
ACR Combine Voltage (2 min.)	13.0V
ACR Combine Voltage (30 sec.)	13.5V
ACR Open Voltage (10 sec.)	12.35V
ACR Open Voltage (30 sec.)	12.75V
Negative Terminal Stud Size	1/4"-20 (accepts M6 ring terminal)
Maximum Negative Terminal Stud Torque	60 in-lb (6.8 Nm)
Positive Terminal Stud Size	3/8"-16 (accepts M10 ring terminal)
Maximum Positive Terminal Stud Torque	140 in-lb (15.8 Nm)
Quick Connect Terminal Size	1/4" x 0.032"
Warranty	5 Year
Battery Types	Flooded, AGM, TPPL

### Regulatory

Designed and constructed for compliance to UL-1236 Marine, CSA 22.2 No. 107.2, and ABYC A-31 standards. Ignition Protection per ISO 8846, and SAE J1171. Meets FCC Part 15, Class B requirements. IP67 - protected against immersion up to 1 meter for 30 minutes

**IGNITION  
PROTECTED**

Specifications subject to change. See bluesea.com for current information.

PN	Description	Plug Style
7608	20A BatteryLink Charger	North American: NEMA 5-15P
7607	20A BatteryLink Charger	European: CEE 7/7
7606	20A BatteryLink Charger	International: Bare wire



7608

**5 YEAR  
WARRANTY**

### TECH tip™

#### AC & DC Battery Charging

##### AC Charging (At the Dock)

The BatteryLink Charger works like a typical AC charger. When you plug in the AC cord, power is supplied allowing up to 20 amps of current to charge the connected batteries. Unlike a typical two bank charger, the BatteryLink Charger will charge both batteries simultaneously through the integrated ACR. When AC power is present, the ACR will combine both batteries and the AC charger will charge them as one bank.

##### DC Charging (Away from the Dock)

The BatteryLink Charger incorporates DC charging through an integrated 170A Automatic Charging Relay (ACR). An ACR uses a relay combined with a voltage sensing circuit. When a DC charge is being applied to the battery connected to the Start Battery stud, and causes the voltage to rise above 13.0V, the relay closes and combines the two batteries to share the charge. When the charge is taken away or a load on the battery causes the voltage to drop below 12.75V, the relay will open, isolating the two batteries. This means that even when the BatteryLink Charger is disconnected from AC power you can charge both your battery banks with an onboard DC charging source, like an engine alternator.

### Related Product



Series Battery Switch  
p. 28

