

Pacer



Battery Management







Battery chargers are a great way to make sure you're never at a loss for power. Some of these chargers offer charging for up to three battery banks at the same time. They offer many types of protection as well. Ignition, temperature, overheating, reverse polarity, and even surge and short circuit protection are available with these battery chargers. Each charger varies in several ways from the others we offer. The first thing to decide on is what amperage you are looking for. Once you have that, you need to choose how many outputs your electrical system is going to require.



Construction

Various durable materials designed for the harsh marine environment.






Benefits

-  Surge protection
-  Ignition Protection
-  Multiple amperages
-  Shore circuit protection
-  Reverse polarity protection
-  Protection from overheating

Pacer is a Proud Member of:



Features

-  Electrical performance
-  Built in safety features
-  Multi-stage charging
-  Durable cases
-  Reliable



BATTERY CHARGERS - GUEST

EBC-28210

- Total Amps: 10
- Charges two independent 12 volt batteries
- Number of Outputs: 2
- Amps per output: 5/5
- Battery System: 2-12V or 1-24V
- Output: Studs for hardwire
- Output Voltage: 12V
- Input Voltage: 120/230V 50/60 Hz
- AC: Studs for hardwire
- Dimensions: 7.8" x 5.50" x 2.42"

EBC-2613A

- Total Amps: 15 AMPS
- Fully Potted to Waterproof Electronics
- Maintenance Mode protects batteries during storage
- 3-Stage Switching Electronic Circuit
- Short Circuit Protected
- Reverse Polarity Protected
- Number of Outputs: 3
- Amps per output: 5/5/5
- Battery System: 3-12V or 24V plus 12V
- Output Voltage: 12V DC per output
- DC Output: 2 4' and 1 6' DC output cables with terminal rings
- Input Voltage: 100-130V AC/60 Hz
- Input Connection: 6' AC Cord with Connect Charge Plug
- Dimensions: 7.0" x 9.6" x 2.6"

EBC-2720A

- Total Amps: 20
- Number of Outputs: 2
- Amps per output: 10/10
- Battery System: 2-12V or 1-24V
- Output Voltage: 12V DC per output
- Input Voltage: 90-135V AC 50/60Hz
- Connections: NEMA 5-15 AC Plug and DC ring terminals
- Dimensions: 12.9" x 7.5"

EBC-28210



EBC-2613A



EBC-2720A



FEATURES: *Designed for harsh marine and industrial environments - moisture, salt, shock and vibration tested *Short circuit and thermal protection
*LED status indicator *Reverse polarity protected *Ignition Protection

BATTERY CHARGERS - GUEST

EBC-7521

- Maximum Output Current: 25 AMPS
- Maximum Output Voltage: 16V DC
- Nominal Voltage: 12V DC
- Number of Outputs: 3
- Minimum Input Voltage: 90V AC
- Maximum Input Voltage: 265V AC
- Minimum Operating Temperature: -20°C
- Maximum Operating Temperature: 70°C
- Charger Efficiency: >80%
- Dimensions: 13.03" H x 8.46" W x 3.66" D

EBC-7522

- Maximum Output Current: 40 AMPS
- Maximum Output Voltage: 16V DC
- Nominal Voltage: 12V DC
- Number of Outputs: 3
- Minimum Input Voltage: 90V AC
- Maximum Input Voltage: 265V AC
- Minimum Operating Temperature: -20°C
- Maximum Operating Temperature: 70°C
- Charger Efficiency: >80%
- Dimensions: 13.03" H x 8.46" W x 3.66" D



FEATURES: *Reliability *Electrical Performance *Advanced Multi Stage Charging *Built In Safety Features *Durable Aluminum Case
COMPLIANCES: *UL 1236 *CSA *CE *ISO8846 *SAE J1171 *ABYC A-31

Rugged, finned aluminum case, universal line voltage 90-265V AC, 45/65 Hz. PreFloat stage prevents over charging by allowing each battery to end absorption stage individually. The three outputs provide charging for up to three battery banks. User selectable charge profiles for lead acid, gel, AGM or new TPPL (Thin Plate Pure Lead), supports Lithium and other battery types with user adjustable charge profiles. ACR Charge Coordination controls ACR state ensuring proper float stage for each battery. Ignition protected, over and under temperature protection for batteries, overheating protection, DC over voltage protection, DC reverse polarity protection, surge and short circuit protection.

L-SERIES SOLENOID SWITCH with COIL ECONOMIZER 12/24V DC 250 AMPS

P/N: ESOL-9012

COIL CIRCUIT

| | |
|---------------------|--------------------|
| Input Voltage | 9 - 36V DC Maximum |
| Power Consumption | 12 - 36V / 3.80A |
| - inrush max, 130ms | 12V / 0.13A |
| - holding | 24V / 0.07A |

MAIN POWER CONTACTS

| | |
|---------------------------------------|--------------|
| Inrush Rating: 0.25 sec (10 repeats)* | 2,000A |
| Voltage Rating | 60V DC |
| Stud Terminal Size | 5/16" (m8) |

*Blue Sea Systems Engine Starting Standard

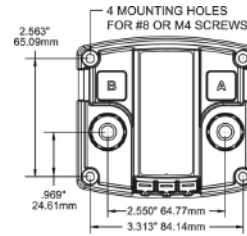
FEATURES: *Hermetically sealed contacts / vapor-proof *Ignition protected - safe for installation aboard gasoline powered boats *Integrated coil control minimizes heating & amperage draw *450 Amp Class *Activated by a low amperage ON-OFF switch mounted anywhere *Designed for 12 or 24 volt systems



SI ACR AUTO CHARGING RELAY 12/24V DC 120A

P/N: EACR-7610

| SPECIFICATIONS | 12 VOLTS DC | 24 VOLTS DC | RELAY CONTACT POSITION | 12 VOLTS DC | 24 VOLTS DC |
|----------------------------------|-----------------|-----------------|------------------------|-------------|-------------|
| Intermittent Rating | 210 Amps | 210 Amps | Combine (30 sec) | 13.6V DC | 27.2V DC |
| Continuous Rating | 120 Amps DC | 120 Amps DC | (90 sec) | 13.0V DC | 26.0V DC |
| (Combine) Amperage Oper. Current | 175 mA | 115 mA | Open (10 sec) | 12.35V DC | 24.7V DC |
| (Open) Amperage Oper. Current | 15 mA | 15 mA | (30 sec) | 12.75V DC | 25.5V DC |
| Maximum Cable Size | 1/0 AWG | 1/0 AWG | Open High 16.0 Volts | 16.0V DC | 30.0V DC |
| Terminal Stud Size | 3/8" - 16 (M10) | 3/8" - 16 (M10) | Over Voltage Lockout | 16.0V DC | 32.0V DC |
| Maximum Torque | 140 in-lb | 140 in-lb | Under Voltage Lockout | 9.5V DC | 19.0V DC |



FEATURES: *Protects sensitive electronics by temporary isolation of house loads from engine circuit during engine cranking *Designed for 12 or 24 volt systems *12/24 volt auto ranging voltage input *Hermetically sealed contacts/vapor-proof *IP67 — protected against immersion up to 1 meter (3.28ft) for 30 minutes *Ignition protected—safe for installation aboard gasoline powered boats *Remote LED output indicates relay state away from ACR *Supports high-output alternators up to 120 Amperes *Dual sensing *Meets: UL 1077, UL 1500, CE, IP67, ISO 8846, SAE J1171



ES-1039

Dual USB charger

Quick, intelligent recognition of devices allows for the rapid charging of tablets, phones or other types of mobile devices.



EUSB

Dual USB charger

Made from corrosion resistant materials Fits same mounting hole as common 12 volt outlet.



E-12VRC

Receptacle, 12 volt

Features watertight cap, easy installation, & twist locks securely with plug. Designed to withstand wet environments.



EBC-7655

Add-A-Battery plus kit

Charge two batteries at or away from the dock with a 10 Amp multistage battery charger and integrated 65A Automatic Charging Relay.