BATTERY ISOLATION

Surepower Industries

- Eliminates multi-battery drain when two or more battery banks are in a charging system
- Solid-state electronics
- Each battery discharges and charges according to its own needs
- Multiple battery banks
- Systems 6-48 volts



| Item Number | Amps | Input | Banks | Price |
|-------------|------|-------|-------|------------|
| BI2402 | 240 | 1 | 2 | \$289.98 |
| BI702 | 70 | 1 | 2 | \$59.13 |
| BI703 | 70 | 1 | 3 | \$100.00 |
| BI2702 | 70 | 2 | 2 | \$132.92 |
| BI2703 | 70 | 2 | 3 | \$164.86 |
| BI1202 | 120 | 1 | 2 | \$101.86 |
| BI1203 | 120 | 1 | 3 | \$132.45 |
| BI3203 | 120 | 2 | 3 | \$290.95 |
| BI1603 | 160 | 1 | 3 | \$220.33 |
| BI3002 | 300 | 1 | 2 | \$851.30 |
| BI3003 | 300 | 1 | 3 | \$1,163.30 |

Newmar

- Enables installation of a seamless, redundant power system for critical electronic loads
- Selects the higher voltage of two isolated DC power sources and routes power to the load
- In case of a fault or fail the second source will automatically supply the load with no transfer delay, operation continuous uninterrupted
- Easy installation
- Rugged rust proof anodized aluminum case



APS-70

| Item Number | Dimensions in " (mm) HxWxD | Amps | Voltage DC | Banks | Price | | | |
|---------------------|---|------|------------|-------|----------|--|--|--|
| Auto Power Selector | | | | | | | | |
| APS-70 | 3.25(82.55) x 4.50(114.30) x 3.10(78.74) | 70 | 6-50 | 2 | \$123.00 | | | |
| APS-160 | 9.00(228.60) x 4.50(114.30) x 3.10(78.74) | 160 | 6-50 | 2 | \$337.00 | | | |

BATTERY ISOLATION

Mastervolt

Battery Watch

- Switches off loads when batteries are nearly empty
- LED lights provide clear read out
- Undervoltage can be set using DIP switches
- Corrosion proof material with aluminum heat sinks
- Electronic components are encased in synthetic materials
- Charges 2 or 3 batteries at high capacity
- LED displays whether the input power is active or not

Battery Mate

- Compatible with any type of alternator/battery charger
- Negligible voltage loss between alternator and battery
- Corrosion proof material with aluminum heat sinks
- Electronic components are encased in synthetic materials
- Charges 2 or 3 batteries at high capacity
- LED displays whether the input power is active or not







BATTERY MATE

| Item Number | Max Load | Input Volts | Switch off 12V | Switch off 24V | Dimensions in " (mm) HxWxD | Price |
|---------------|--------------|-------------|-----------------------|----------------|---|----------|
| Battery Watch | | | | | | |
| 83200150 | 150A | 8-32VDC | 9-12VDC | 18-24 VDC | 6.25(157.75) x 5.5(139.70) x 3.1(78.74) | \$254.15 |
| Item Number | Max Output | /Charger | Max Output/Alternator | Bank Amount | Dimensions in " (mm) HxWxD | Price |
| | | | Battery Ma | te | | |
| 83116025 | 120 | A | 160A | 2 | 8.1(205.74) x 5.5(139.70) x 3.1(78.74) | \$340.67 |
| 83116035 | 120 | A | 160A | 3 | 8.1(205.74) x 5.5(139.70) x 3.1(78.74) | \$381.77 |
| 83125035 | 200 <i>F</i> | A | 250A | 3 | 8.1(205.74) x 5.5(139.70) x 3.1(78.74) | \$412.05 |

Balmar

- Provides current and voltage controlled output to your starting battery, during house battery charge
- Programmable for 12 or 24 volt operation or four battery systems
- Provides up to 30 amps of smart charging power
- Automatically responds by isolating the starting battery ensuring that there is no accidental discharge of the starting battery
- The DDC is a solid state battery combiner
- Auto/manual control
- Start battery temperature sensing available with the MC-TS-B sensor cable



DDC

| Item Number | Amps | Volts | Program Sets | Dimensions in " (mm) HxWxD | Price |
|-------------|------|-------|--------------------------|---------------------------------------|----------|
| DDC-12/24 | 30 | 12/24 | GEL, AGM, STD. FLD., FDC | 4.8(121.92) x 3.2(81.28) x 1.5(38.10) | \$324.00 |

CHARGE RELAYS

Blue Sea Systems

SI ACR

- Senses charging on two battery banks
- Start isolation allows temporary isolation of house loads from engine circuit during engine cranking to protect sensitive electronics from sags and spikes
- Integrated LED Indicators status
- CE marked, ISO 8846
- UL 1500 and SAE J1171
- IP67

ML Series

- 500 amps magnetic latching (bi-stable) relay automatically combines batteries during charging and isolates batteries when discharging and starting engines
- Dual sensing, senses charging on two battery banks
- LED output to remotely indicate when batteries are combined isolated, in voltage lockout, in start or engine isolation (requires optional LED)
- Silver alloy contacts provide high reliability for switching live loads
- Manual override knob provides an added level of safety allowing control with or without power and offering locked off capability for servicing
- CE Marked, ISO 8846 and SAE J1171
- IP67
- Manual override control provides an added level of safety.



| Item Number | IC Rating Un | ider Voltage Lockout 12/24 | Combine Relay 12/24 (30 sec.) | Open Relay 12/24 (30 sec.) | Price | | |
|-------------|---------------------------------------|-----------------------------------|---------------------------------------|----------------------------|----------|--|--|
| SI ACR | | | | | | | |
| 7610 | 120A Continuous, 210A Intermittent | 9.5VDC/ 19VDC | 13.6VDC/ 27.2VDC | 12.75VDC/ 25.50VDC | \$121.90 | | |
| | | ı | ML Series | | | | |
| 7622 | 12VDC | 9.6VDC | 13.5VDC | 12.75VDC | \$291.99 | | |
| 7623 | 24VDC | 19.2VDC | 27.0VDC | 25.5VDC | \$291.99 | | |
| Item Number | | I | Description | | Price | | |
| 9160 | Tin plated coppe | er link bus, for paralleling ML b | attery switches and charging relay 50 | 0A continuous rating | \$17.69 | | |

Mini ACR

- Senses charging on two battery banks
- LED indicates ACR status
- CE marked, ISO 8846, SAE J1171
- UL 1500
- IP67, up to 1 meter for 30 minutes
- 12/24V

Add-A-Battery

- Compact
- Automatically share a single source of charging between two batteries
- Protects the start battery from house loads that can lead to discharge
- Designed for alternators up to 65 amps



7601



7649

| Item Number | IC Rating | Under Voltage Lockout | Combine Relay | Open Relay | Price | |
|-------------------|--|-----------------------|---------------|---------------|----------|--|
| | | Mini ACR | | | | |
| 7601 | 65A Continuous, 115A Intermittent | 9.5-19.0VDC | 13.6-27.2VDC | 12.75-25.5VDC | \$83.99 | |
| Item Number | | Description | | | Price | |
| Add-A-Battery Kit | | | | | | |
| 7649 | Contains M-Series Dual Circuit Plus battery switch and the 65A Mini ACR with start isolation | | | | \$137.99 | |

CHARGE RELAYS A BATTERY MONITORS

BEP

- Safely charge two or more independent battery banks from one charge source such as an alternator or battery charger
- Charges engine starting batteries before combining auxiliary bank for charging
- Protects start batteries from becoming flattened by domestic loads
- Isolates electronics from harmful electrical surges from starter motors
- Simple to install 3 wire connection leaves alternator wiring intact
- No volts drop vs diode isolators
- Ignition protected
- Multi voltage, auto selects between 12 and 24 volts DC operation



710-140A

| Item Number | Integration Point | Disconnect Point | Continuous Rating | Price |
|-------------|-------------------|------------------|-------------------|----------|
| 710-140A | 13.2 VDC | 12-7 VDC | 140A | \$158.08 |

Newmar Battery Integrator

- Enables charging of two separate banks without voltage drop, yet maintains 100% isolation at all other times
- Heavy duty silver plated contactor, continuous duty rated
- Easy three wire hook up for two bank systems (BATT +, BATT +, Ground)
- Terminal for optional wiring of remote light indicating when battery banks are integrated
- Terminals: 5/16" copper alloy stud
- 12 volts 100 amps with ignition protection
- Optional internal connection can be wired for key starter or manual over ride switch tying battery banks together for extra booth during engine start



BI-100

| Item Number | Integration Point | Disconnect Point | Max Current | Peak Current | Price |
|-------------|-------------------|------------------|-------------|--------------|----------|
| BI-100 | 13.2VDC/ 26.4VDC | 12.8VDC/ 25.6VDC | 100/200 | 400/600 | \$173.00 |
| BI-200 | 13.2VDC | 12.8VDC | 200 | 600 | \$307.00 |
| BI-24-100 | 26.4VDC | 25.6VDC | 100 | 400 | \$189.00 |

Newmar

DC Energy Monitor

- Waterproof and suitable for installation above deck area
- Meter, touchpad and surrounding bezel are fully waterproof and the ABS housing is UV stabilized
- Displays volts, amps, energy used, and remaining time for 12 or 24 volt systems up to 500 amps and up to 3000 amp hours
- Monitors up to three separate banks
- One bank may be programmed for these functions: Monitor charge/discharge amperage, total energy monitor can be set for amp hours or percent of charge, high/low voltage alarm, plus alarm set point for low amp hours remaining
- 500 amps shunt included
- DCE outputs NMEA 0183
- Power supply 9.5 to 33.0 volts DC
- Display: 4 digit LCD, 5 levels of back lighting



DCE

| Item Number | Dimensions in " (mm) HxWxD | Price |
|-------------|--|----------|
| DCE | 3.61(91.69) x 2.5(63.50) x 4.1(104.14) | \$473.10 |

BATTERY MONITORS • NOISE FILTERS

Victron

- High resolution 10 milliamps (0.01a) with shunt
- Low current consumption: 1mA
- Separate front bezel for square or round appearance
- Rear or front mounting
- Includes 10 meter 6 core UTP with RJ12 connectors and cable fuse +connection
- The BMV-700 Series also displays state of charge, time to go, and power consumption in watts
- BMV-702 additional features additional input to measure voltage (of a second battery), temperature or midpoint voltage,

- and corresponding alarm and relay settings.
- Information displayed: battery voltage, battery charge/discharge current, amp hours consumed, state of charge, time to go at the current rate of discharge
- Visual and audible alarm: over voltage, under voltage, battery discharge
- Programmable alarm or generator start relay
- The BMV-702 features an additional input which can be programmed to measure the voltage (of a second battery).

- Monitors battery status
- Constantly measures the battery voltage, battery current, and temperature
- Calculates the state of charge of your battery
- Must be used in conjunction with either VE. Net Panel (VPN) or VE. Net Blue Power Panel (BPP)
- All electrical connections are to the quick connect PCB on the current shunt.







VBC00300000

| Item Number | Voltage Range | Dimensions in " (mm) WxH | Input Voltage Range | Shunt | Price |
|-------------|---------------|--------------------------|---------------------|-----------|----------|
| | | Battery Monito | or | | |
| BMV-702 | 6.5-95VDC | 2.0(50.80) x 1.2(30.48) | 6.5-95VDC | 500A/50mV | \$210.00 |
| BMV-700 | 6.5-95VDC | 2.0(50.80) x 1.2(30.48) | 9-90VDC | 500A/50mV | \$169.00 |

| Item Number | | Price |
|-------------|----------------------------|----------|
| | VE. Net Battery Controller | |
| VBC00300000 | | \$270.00 |

Mastervolt

- Three battery sets, service (full), starter, and bowthruster
- Read out for voltage, current, amp hours, time remaining indication, and battery capacity in %
- The built in microprocessor calculates the remaining capacity and stores historic data
- Not compatible with the Masterbus



70403163

| Item Number | Voltage Range | Dimensions in " (mm) WxH | Amp Range | Shunt | Price |
|-------------|---------------|---------------------------|-----------|-----------|----------|
| 70403163 | 7-35VDC | 4.7(119.38) x 2.63(66.80) | 0-500 | 500A/50mV | \$476.11 |

Newmar

- Heavy duty aluminum construction
- Operates on 6-48 volts DC systems
- Integral mounting flanges for secure installation
- Nickel plated brass and stud connectors
- Color coded wire leads to make in-line installation easy
- Can be used singularly or in combination to attenuate conducted line noise, either at the affected equipment or at the noise source



PC-10 & PC-25

| Item Number | Filtered Frequency Rating | Amps | Dimensions in " (cm) HxWxD | Installation Location | Price |
|-------------|---------------------------|------|------------------------------------|---------------------------|----------|
| PC-10 | Audio-200MHz. | 10 | 1.25(3.18) x 4.25(10.80) x 3(7.62) | @ (+) and (-) Power Leads | \$71.81 |
| PC-25 | Audio-200MHz. | 25 | 2(5.08) x 4.25(10.80) x 3(7.62) | @ (+) and (-) Power Leads | \$108.00 |

BATTERY SWITCHES

Blue Sea Systems

M-Series

- Ic continuous rating: 300 amps per circuit
- Dimension: 2.825"(72mm)W x 3.850"(98mm)H
- Mounting centers: 2.176"(55mm)
- Terminal stud size: 3/8"-16 (M10)
- Ignition protected: UL 1500
 & SAE J1171
- Ingress protection: IP66
- ISO 8846
- ABYC Certified







MINI X4

TWO POSITION

FOUR POSITION

| Item Numbe | r Switch Type | Operation | Max Volts (5 min.) | I100 Cranking (30 sec.) | I60 Cranking | Price |
|------------|------------------------|---|-----------------------|----------------------------|--------------|---------|
| | | M-Series | | | | |
| 6006 | Single Circuit- On/Off | Switches a single battery to a single load group | 48 | 1500A | 775A | \$35.39 |
| 6007 | Selector- 4 Position | Switches isolated battery banks to all loads or combines battery banks to all loads | 32 | 1500A | 775A | \$47.29 |
| 6010 | Dual Circuit | Simultaneously switches between two isolated battery banks | 32 | 1000A | 650A | \$58.99 |
| 6011 | Dual Circuit Plus | Simultaneously switches two isolated battery banks or combines battery banks to all loads | 32 | 1000A | 650A | \$58.99 |

E-Series

- Ic continuous rating: 350 amps per circuit
- Dimensions: 3.850"(98mm)W x 3.850"(98mm)H
- Mounting centers: 3"(76mm)
- Terminal stud: 3/8"-16 (M10)
- Ignition protected: UL 1500 & SAE J1171
- Ingress protection: IP66
- Work with most standard Perko & Guest battery switch hole patterns
- ID circuit label kit sold separately (7902)

- Accepts up to 4/0 AWG cable
- Case design allows surface, rear, or front panel mounting options
- ABYC Certified
- Includes AFD (alternator field disconnect) which protects the diodes in the alternator in the event of the switch being turned to OFF position while the engine is running





7902

| Item Numbe | r Switch Type | Operation | Max Volts (1 min.) | I100 Cranking (30 sec.) | I300 Intermittent (5 min.) | AFD | Price |
|------------|------------------------|---|-----------------------|----------------------------|-------------------------------|-----|---------|
| | | E-Series | | | | | |
| 9003e | Single Circuit- On/Off | Switches a single battery to a single load group | 48 | 1200 | 600A | _ | \$59.99 |
| 9004e | Single Circuit- On/Off | Switches a single battery to a single load group | 48 | 1200 | 600A | Yes | \$74.99 |
| 11001 | Selector - 3 Position | Switches battery banks to all loads | 32 | 1200 | 600A | Yes | \$62.99 |
| 9001e | Selector - 4 Position | Switches isolated battery banks to all loads or combines battery banks to all loads | 32 | 1200 | 600A | _ | \$56.99 |
| 5510e | Dual Circuit | Simultaneously switches between two isolated battery banks | 32 | 700 | 525A | - | \$71.99 |
| 5511e | Dual Circuit Plus | Simultaneously switches two isolated battery banks or combines battery banks to all loads | 32 | 700 | 525A | _ | \$71.99 |
| Item Numbe | er | Description | | | | | Price |
| 7902 | | Icon circuit identification label kit m, e, | HD Series swi | tches | | | \$7.39 |

BATTERY SWITCHES

Blue Sea Systems (Continued)

HD-Series

Dimensions: 3.850"(98mm)W x 3.850"(98mm)H

Mounting centers: 3"(76mm)Terminal stud: 1/2" (M12)

Ignition protected: UL 1500 & SAE J1171

Ingress protection: IP66

ABYC Certified

 Fits most Perko and Guest low amperage battery switch hole patterns Case design allows surface, rear, or front panel mounting

CE marked, ISO 8846

 Includes AFD (alternator field disconnect) which protects the diodes in the alternator in the event of the switch being turned to OFF position while the engine is running







HEAVY DUTY X4

| Item Number | Switch Type | Operation | I100 Cranking (10 sec.) | I60 Cranking (1 min.) | I300 Intermittent (5 min.) | AFD | Ic Continuous Rating | Price |
|-------------|------------------------|---|----------------------------|--------------------------|-------------------------------|-----|-------------------------|----------|
| 3000 | Single Circuit- On/Off | Switches a single battery to a single load group | 2750A | 1325A | 900A | - | 600A | \$116.99 |
| 3001 | Single Circuit- On/Off | Switches a single battery to a single load group | 2750A | 1325A | 900A | Yes | 600A | \$133.99 |
| 11003 | Selector- 3 Position | Switches battery banks to all loads | 2750A | 1150A | 700A | Yes | 500A | \$123.37 |
| 3002 | Selector- 4 Position | Switches isolated battery banks to all loads or combines battery banks to all loads | 2750A | 1150A | 700A | - | 500A | \$121.99 |
| 3003 | Selector- 4 Position | Switches isolated battery banks to all loads or combines battery banks to all loads | 2750A | 1150A | 700A | Yes | 500A | \$138.99 |

ML-Series

- 500 amp magnetic latching remote battery switch allows high amp switching under load, manually or from a remote location
- Bi-Stable ML coil function
- Manual override knob provides added level of safety allowing control with or without power and offering LOCKED OFF capability for service
- Auto releasing versions can be controlled with SPST or SPDT switch for applications where a normally open relay is desired
- Current rating dependent on wire size, call for detailed information
- Ignition protected: UL 1500 & SAE J1171
- Ingress protection: IP66
- Silver alloy contact
- Terminal stud: 7/8"(22mm)
- Includes control switch item #2145: SPDT (ON)-OFF-(ON)
- CE marked, ISO 8846 protected





| Item Number | Coil Volts DC | Contact Circuit Voltage | Multi Station Switching Capabilities | Price |
|-------------|---------------|-------------------------|--------------------------------------|----------|
| 7700 | 12 | 16 | Yes w/ manual control | \$252.99 |
| 7701 | 12 | 32 | Yes w/o manual control | \$234.99 |
| 7702 | 24 | 16 | Yes w/ manual control | \$234.99 |
| 7703 | 24 | 32 | Yes w/o manual control | \$252.99 |
| 7713 | 12 | 16 | Yes w/ manual control | \$291.99 |
| 7620B | 12 | 16 | No manual overide knob | \$300.15 |

BATTERY SWITCHES

Marinco

Pro Installer

- Dimensions LxWxH in " (mm): 3.85(98) x 3.85(98) x 3.62(92)
- Removable knob allows isolation during servicing
- Pro Installer can be mounted: surface, rear panel, or front panel
- 3 removable side place for protection
- Innovative nut retention allows use of metric or imperial fasteners





PRO INSTALLER

PRO INSTALLER EZ

| Item Number | Continuous A DC | Intermittent A DC | Cranking A DC | Operation | Stud | EZ Mount Price | Pro Installer Price |
|----------------|--------------------|----------------------|------------------|--------------------------------|-----------------|-------------------|------------------------|
| To order EZ mo | ount use suffix (I | EZ) with item nur | nber | | | | |
| 770 | 400 | 600 | 1500 | On/Off | 2x (3/8 / 10mm) | \$73.63 | \$68.15 |
| 770-DP | 2x 400 | 2x 600 | 2x 1500 | On/Off (2 Pole) | 4x (3/8 /10mm) | \$97.65 | \$89.43 |
| 771-S | 400 | 600 | 1500 | 1-2-Both-Off | 3x (3/8 /10mm) | \$79.18 | \$72.55 |
| 771-SFD | 400 | 600 | 1500 | 1-2-Both-Off | 3x (3/8 /10mm) | N/A | \$80.30 |
| 772-DBC | 2x 400 | 2x 600 | 2x 1500 | 1, 1/2, Parallel, Off (2 Pole) | 4x (3/8 /10mm) | \$99.18 | \$94.43 |

Guest

Battery Selector

- Polycarbonate case
- Surface mount
- For use with 6, 12, 24, or 36 volts systems
- Cable lug: 1/2"



BATTERY SELECTOR

| Item Number | Continuous Amp | Momentary Amps | Operation | Dimensions in " (mm) HxWxD | Price |
|-------------|----------------|----------------|-----------|----------------------------|---------|
| 2102 | 230 | 345 | On/Off | 5.5(139.70) x 2.63(66.80) | \$83.03 |

Diesel Battery Switch

- Polycarbonate case
- For use with 6, 12, 24, or 36 volts systems
- Built with heavy duty copper sweep contacts
- Features alternator field disconnect (AFD)



SELECTOR SWITCH OEM BLACK



ON/OFF SWITCH OEM BLACK

| Item Number | Continuous Amp | Momentary Amps | Туре | Operation | Price |
|-------------|----------------|----------------|-----------------|----------------|----------|
| 2303A | 450 | 800 | Heavy Duty | On/Off | \$287.85 |
| 2304A | 600 | 1000 | Extra Duty | On/Off | \$296.38 |
| 2300A | 360 | 600 | Selector Switch | 1, 1&2, 2, Off | \$211.65 |

BATTERY SWITCHES

BEP

Heavy Duty

- Well suited for large vessels
- Uses patented contour locking systems
- RoHS Compliant
- ABYC Certified



| Item Number | Dimensions in " (mm) LxWxH | Continuous Rating (1Hr.) | Intermittent Rating (5min.) | Cranking Rating (10sec.) | Operation | Stud Size | Price |
|-------------|-------------------------------|-----------------------------|--------------------------------|-----------------------------|-----------|-------------|----------|
| | | | Heavy Duty | | | | |
| 720 | 4(102) x 4(102) x 3.5(89) | 600A DC | 800A DC | 2500A DC | On/Off | 1/2(12) x 2 | \$117.10 |

Contour Series

- Removable side plates on four sides for access up to 1/0 cable
- Can either be surface mounted or recess mounted by cutting 2.1"(52mm) hole
- Control knob cannot be removed unless switching in a 45 degree counter clockwise position
- Uses patented contour locking system
- ABYC Certified
- Ignition protected
- RoHS compliant
- 48VDC max



701



701-PM



701-S



| Item Numbe | r Dimensions in " (mm) LxWxH | Continuous Rating (1Hr.) | Intermittent Rating (5min.) | Cranking Rating (10sec.) | Operation) | Stud Size | Style | Price | |
|------------|-----------------------------------|-----------------------------|--------------------------------|-----------------------------|-------------------|--------------|-------------|----------|--|
| Contour | | | | | | | | | |
| 701 | 2.75(69.9) x 2.75(69.9) x 3(76.2) | 275A DC | 455A DC | 1250A DC | On/Off | 3/8(10) x 2 | Standard | \$41.23 | |
| 701-PM | 2.75(69.9) x 2.75(69.9) x 3(76.2) | 275A DC | 455A DC | 1250A DC | On/Off | 3/8(10) x 2 | Panel Mount | \$36.13 | |
| 701-S | 2.75(69.9) x 2.75(69.9) x 3(76.2) | 200A DC | 455A DC | 1250A DC | 1-2-Both-Off | 3/8(10) x 2 | Compact | \$53.73 | |
| 701-MD | 3(76.2) x 3(76.2) x 3.9(99.1) | 275A DC | 455A DC | 1250A DC | Motorized On/ Off | 3//8(10) x 2 | Standard | \$248.63 | |

Easy Fit

- Easily removable ring will allow for panel thicknesses up to 3/4"(19mm)
- Control knob cannot be removed unless switching in a 45 degree counter clockwise position
- Can be surface mounted offering a unique style
- Can easily be retrofitted in place of most European post and lever type switches
- ABYC Certified
- Ignition protected
- RoHS compliant



| Item Number | Dimensions in " (mm) LxWxH | Continuous Rating | Intermittent Rating | Cranking Rating | Operation | Stud Size | Price |
|-------------|-----------------------------------|----------------------|------------------------|--------------------|-----------|-------------|---------|
| | | | Easy Fit | | | | |
| 700 | 2.75(69.9) x 2.75(69.9) x 3(76.2) | 275A DC | 455A DC | 1250A DC | On/Off | 3/8(10) x 2 | \$47.88 |

Battery Distribution Clusters

- Combines BEP battery switches and VSR's completely bused and pre-wired internally
- RoHS Compliant





| Item Number | Dimensions in " (mm) LxW | Engine | Battery Banks | Price | | | | |
|---------------|-------------------------------|-----------------|---------------|----------|--|--|--|--|
| | Battery Distribution Clusters | | | | | | | |
| 717-140A-DVSR | 5.4(137.2) x 8.1(205.7) | Twin outboard | 3 | \$488.73 | | | | |
| 719-140A-DSVR | 8.1(205.7) x 8.1(205.7) | Triple outboard | 4 | \$710.80 | | | | |

BATTERY SWITCHES

Hella Marine

- Removable key in OFF position
- Current interrupting
- VDA compliant





PLASTIC

| Item Number | Material | 12/24 Amp | Max. Load 12V/24V (10 sec.) | Price |
|-------------|--|-------------|-----------------------------|---------|
| 87181 | Plastic | 100/50 | 1000A/500A | \$26.67 |
| 62471 | Steel key and plate | 200/100 | 2500A/1000A | \$77.78 |
| Item Number | | Description | | Price |
| | | Accessories | | |
| 87185 | Spare key for battery master switch #87181 | | | \$8.89 |

Cole Hersee

- Suitable for 6-36 volts DC Systems
- Mounting stems: brass 3/4" (19.1mm) #16 thread
- Terminals: two 3/8" (9.5mm) diameter studs
- Silver laminated contact (M-284-01)
- UL 707B approved and CE Listed



DISCONNECT SWITCH

| Item Number | Positions | Intermittent Rating | Continuous Ratings | Price |
|-------------|-----------|---------------------|--------------------|---------|
| M-284-01 | Off-On | 800A | 175A | \$84.99 |

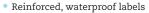
BATTERY SWITCH PANELS

Blue Sea Systems Accessories

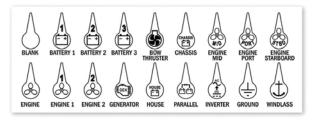


9160

| Item Number | Description | Price | | |
|-------------------------------|--|---------|--|--|
| Accessories Blue Seas Systems | | | | |
| 9160 | Tin plated copper link hus, for paralleling MI, battery switches and charging relay 500A continuous rating | \$17.69 | | |



Used on M-Series, E-Series and HD- Series Battery Switches



7902

| Item Number | Description | Price |
|-------------|---|--------|
| 7902 | ICON Circuit Identification Label Kit for Blue Seas m,e,HD Series | \$7.39 |