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Perko Compact Battery Selector & Main Disconnect Switches

IGNITION PROTECTED

PROTECTED BY THE FOLLOWING U.S. PATENTS; DESIGN 260,637 - 4,280,028 - 4,424,424
FOR USE WITH 12, 24 AND 32 VOLT MARINE ELECTRICAL SYSTEMS
HIGHER RATING THAN POPULAR 8500 SERIES SWITCHES

SAME BOLT PATTERNS AS POPULAR 8500 SERIES
SMOOTH, POSITIVE POSITION SELECTOR

CERTIFICATIONS:

- UL Listed Std. 1107
- CE



FIG. 8511 - COMPACT, MEDIUM DUTY BATTERY SELECTOR SWITCH

FIG. 8512 - COMPACT, MEDIUM DUTY BATTERY SELECTOR SWITCH WITH KEY LOCK



FIG. 8511



FIG. 8512

ORDERING & TECH INFO

Features	Dealer Pkg. 5 Pcs. 1 Pc. per Pkg.	OEM Bulk Pkg. 25 Pcs.	Diameter Inches	Depth Inches	Ship Wt. Carton Lbs. DP/OEM Bulk	Alternator Field Disconnect
w/o Key Lock	8511DP	8511	4-3/4	1-7/8	4.9/21.9	No
With Key Lock	8512DP	8512	4-3/4	1-7/8	5.2/23.1	No

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FIG. 9611 - COMPACT, MEDIUM DUTY MAIN BATTERY DISCONNECT SWITCH

FIG. 9612 - COMPACT, MEDIUM DUTY MAIN BATTERY DISCONNECT SWITCH WITH KEY LOCK



FIG. 9611



FIG. 9612

ORDERING & TECH INFO

Features:	Dealer Pkg. 5 Pcs. 1 Pc. per Pkg.	OEM Bulk Pkg. 25 Pcs.	Diameter Inches	Depth Inches	Ship Wt. Carton Lbs. DP/OEM Bulk	Alternator Field Disconnect
w/o Key Lock	9611DP	9611	4-3/4	1-7/8	4.6/20.0	No
With Key Lock	9612DP	9612	4-3/4	1-7/8	4.8/21.5	No

PERKO



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HUMCO ELECTRICAL

Perko Medium Duty Battery Selector Switches

CERTIFICATIONS:

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- CE



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FOR USE WITH 12, 24 AND 32 VOLT MARINE ELECTRICAL SYSTEMS
CAPACITY - 250 AMPS CONTINUOUS, 360 AMPS INTERMITTENT

FIG. 8501 - MEDIUM DUTY BATTERY SELECTOR SWITCH

FIG. 8502 - MEDIUM DUTY BATTERY SELECTOR SWITCH WITH KEY LOCK

FIG. 8503 - MEDIUM DUTY BATTERY SELECTOR SWITCH

WITH ALTERNATOR FIELD DISCONNECT

FIG. 8504 - MEDIUM DUTY BATTERY SELECTOR SWITCH

WITH ALTERNATOR FIELD DISCONNECT AND KEY LOCK

When used with Non-Unitized Alternators, these models will interrupt the field current (reducing the possibility of damage) if turned "OFF" with the engine running.



FIG. 8501



FIG. 8503



FIG. 8502



FIG. 8504



FIG. 0462 SPACER
FOR LARGE CABLES

ORDERING & TECH INFO

Features	Dealer Pkg.	OEM	Diameter	Depth	Ship Wt.	Alternator
	5 Pcs.	Bulk Pkg.				
	1 Pc. per Pkg.	25 Pcs.	Inches	Inches	Carton Lbs.	Disconnect
w/o Key Lock	8501DP*	8501	5-1/4	2-5/8	5.0/22.3	No
With Key Lock	8502DP	8502	5-1/4	2-5/8	5.2/23.3	No
w/o Key Lock	8503DP	8503	5-1/4	2-5/8	5.0/22.2	Yes
With Key Lock	8504DP	8504	5-1/4	2-5/8	5.4/24.0	Yes
Type	Dealer Pkg.	OEM	Length	Width	Height	Ship Wt.
	5 Cards	Bulk Pkg.				
	1 Pc. per Card	25 Pcs.				DP/OEM Bulk
Spacer	0462DP0RED	0462000RED	13-3/4	1/4	5/8	0.9/2.7

Perko Medium Duty Main Battery Disconnect Switches

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FOR USE WITH 12, 24 AND 32 VOLT MARINE ELECTRICAL SYSTEMS
CAPACITY - 250 AMPS CONTINUOUS, 360 AMPS INTERMITTENT

CERTIFICATIONS:
• UL Listed Std. 1107
• CE

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- FIG. 9601 - MEDIUM DUTY MAIN BATTERY DISCONNECT SWITCH
- FIG. 9602 - MEDIUM DUTY MAIN BATTERY DISCONNECT SWITCH WITH KEY LOCK
- FIG. 9603 - MEDIUM DUTY MAIN BATTERY DISCONNECT SWITCH WITH ALTERNATOR FIELD DISCONNECT
- FIG. 9604 - MEDIUM DUTY MAIN BATTERY DISCONNECT SWITCH WITH ALTERNATOR FIELD DISCONNECT AND KEY LOCK

When used with Non-Unitized Alternators, these models will interrupt the field current (reducing the possibility of damage) if turned "OFF" with the engine running.

FIG. 9601



FIG. 9603



FIG. 9602



FIG. 9604

ORDERING & TECH INFO

Features:	Dealer Pkg. 5 Pcs. 1 Pc. per Pkg.	OEM Bulk Pkg. 25 Pcs.	Diameter Inches	Depth Inches	Ship Wt. Carton Lbs. DP/OEM Bulk Pkg.	Alternator Field Disconnect
W/O Keylock	9601DP	9601	5-1/4	2-5/8	4.6/20.4	No
With Key lock	9602DP	9602	5-1/4	2-5/8	5.0/21.5	No
W/O Keylock	9603DP	9603	5-1/4	2-5/8	4.5/21.3	Yes
With Key lock	9604DP	9604	5-1/4	2-5/8	5.0/21.3	Yes

Type	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Length Inches	Width Inches	Height Inches	Ship Wt. Carton Lbs. DP/OEM Bulk
Spacer	0462DPORED	0462000RED	13-3/4	1/4	5/8	0.9/2.7



FIG. 0462 SPACER FOR LARGE CABLES

Perko Heavy Duty Battery Switches

CERTIFICATIONS:

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- CE



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FIG. 8603 - HEAVY DUTY BATTERY SELECTOR SWITCH WITH ALTERNATOR FIELD DISCONNECT

FOR USE WITH 6, 12, 24 AND 32 VOLT MARINE ELECTRICAL SYSTEMS
CAPACITY - RATED 380 AMPS CONTINUOUS,
850 AMPS INTERMITTENT (5 MINUTES ON, 5 MINUTES OFF)



FIG. 8603

ORDERING & TECH INFO

Dealer Pkg. 2 Pcs. 1 Pc. per Pkg.	Diameter Inches	Depth Inches	Ship Wt. Carton Lbs. Dealer Pk.	Alternator Field Disconnect
8603DP	5-1/4 sq.	3-3/8	5.0	Yes

CERTIFICATIONS:

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- CE



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FIG. 9703 - HEAVY DUTY BATTERY DISCONNECT SWITCH WITH ALTERNATOR FIELD DISCONNECT

FOR USE WITH 6, 12, 24 AND 32 VOLT MARINE ELECTRICAL SYSTEMS
CAPACITY - RATED 450 AMPS CONTINUOUS,
1200 AMPS INTERMITTENT (15 SECONDS ON, 5 MINUTES OFF)



FIG. 9703

ORDERING & TECH INFO

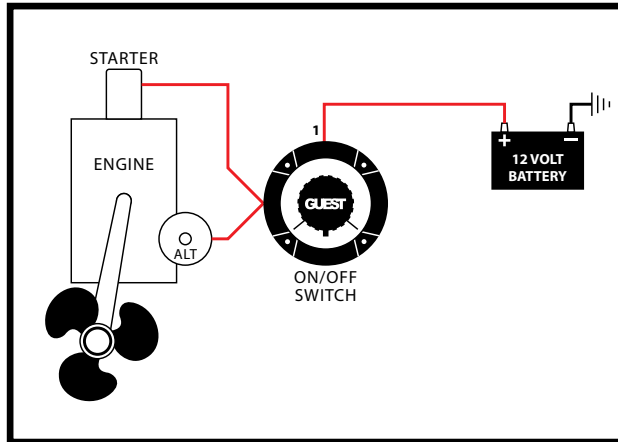
Dealer Pkg. 2 Pcs. 1 Pc. per Pkg.	Diameter Inches	Depth Inches	Ship Wt. Carton Lbs. Dealer Pk.	Alternator Field Disconnect
9703DP	5-1/4 sq.	3-3/8	5.0	Yes

Guest Battery System Hook-up Diagrams

Battery System Hook-up Diagrams

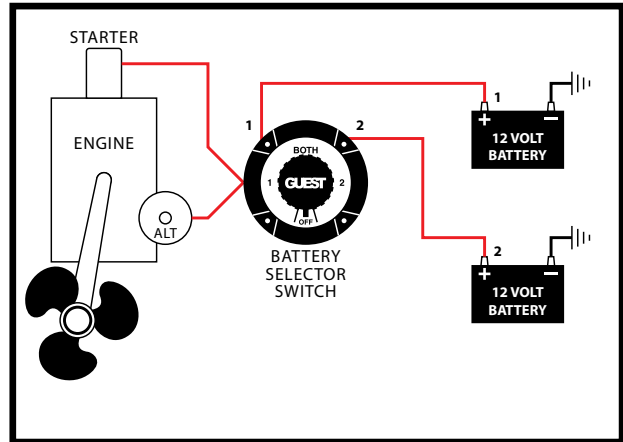
As more and more electronics and electrical accessories are added to your boat (autopilot, refrigeration, etc.) the use of multi-batteries becomes a necessity. Guest components allow you to set up the system (from simple to complex) for your boat's application. The following diagrams are for use in identifying and designing the right system for your boating needs. Detailed installation schematics are available. Request Guest form I-21681.

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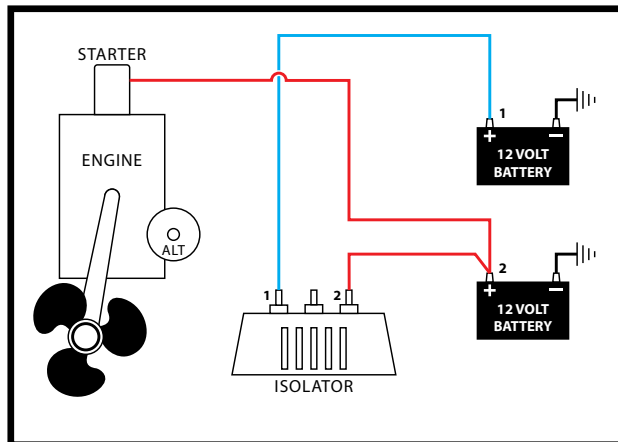
One Battery On/Off Master Disconnect

Installation: To shut off all power at source. Recommended installation by approved authorities.



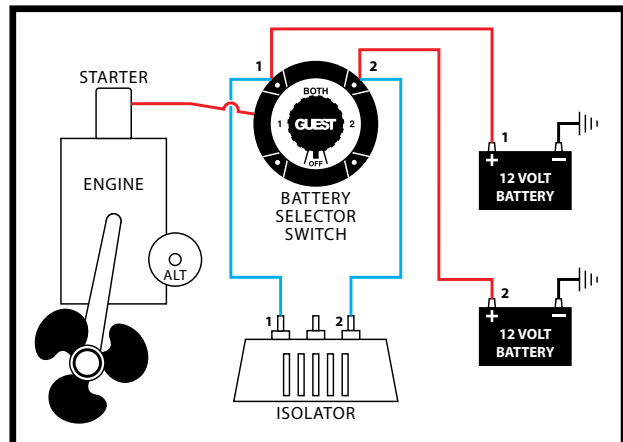
Two Batteries Battery Selector Switch and Master Disconnect

Installation: To select a starter battery and ship service battery. Manually isolates each battery, parallels both batteries for emergency start, master disconnect, manually selects batteries for charging.



Two Batteries, One Isolator, One Alternator

Installation: Isolator automatically selects lower charged battery to be charged first. Full battery can not discharge to drained battery. Dedicated system, no flexibility, no emergency parallel or disconnect function.

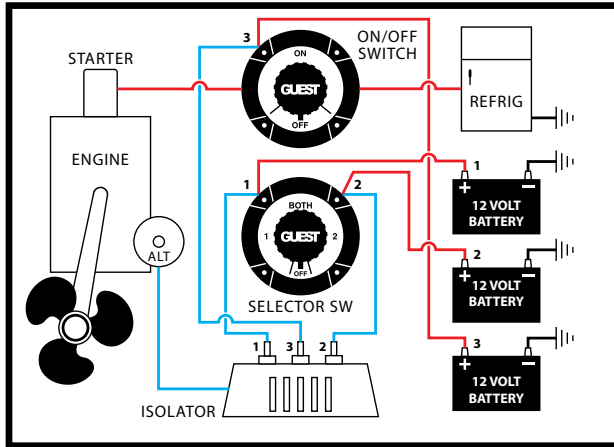


Two Batteries, Battery Selector Switch and Master Disconnect w/ Automatic Battery Isolator and Automatic Charging

Installation: An isolator automatically isolates each battery, lower charged battery will automatically be charged first. Two different size batteries can be used, larger for ship services, smaller for engine cranking. Switch selects usage, master disconnect, emergency parallel function.

Guest Battery System Hook-up Diagrams

Battery System Hook-up Diagrams

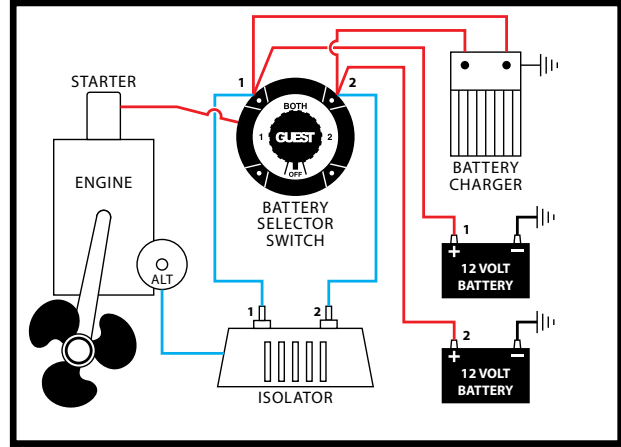


One Battery Selector Switch, One On/Off Selector Switch Automatic Battery Isolation and Automatically Charges Three Batteries

Installation: Use for sailboats and trawlers. Third battery isolated from other ship circuits. All batteries being automatically charged while running through isolator. To be used for refrigeration or other heavy load devices. Isolator protects other batteries.

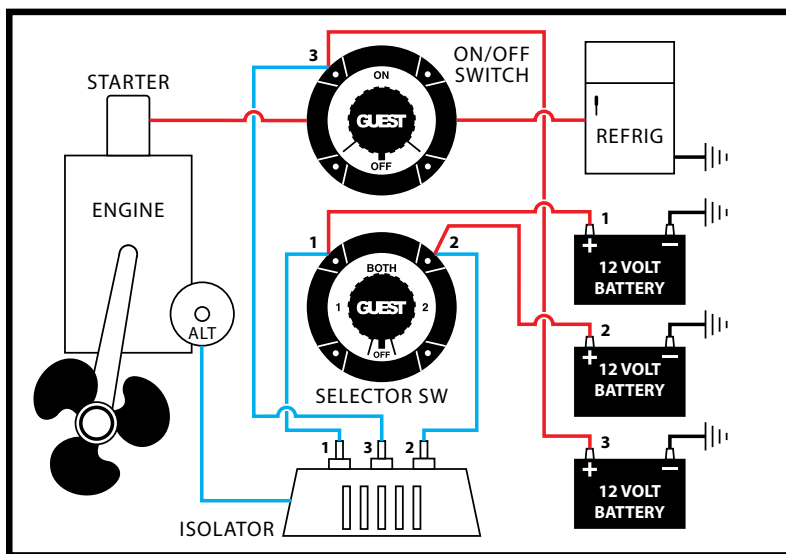
Switch selector usage:

1. Master Disconnect
2. Emergency parallel function



Adding Automatic Battery Charger/Converters to System

Installation: At dockside multi-bank charger built in isolator which will automatically charge lower battery.



Three Batteries, One Battery Selector Switch, One On/Off or Selector Switch, Two Alternators, One Isolator

Installation: Isolator separates both alternators so both alternators will charge simultaneously. Automatically charges lowest battery first. All batteries can be used for start, third battery, ship's source.

Important Note: The boater's electrical needs and problems should be discussed with your boatyard's electrical technician.

Guest Battery Switches

Universal Mount Switches

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- New ergonomically styled turn knob provides easy On/Off switching
- Updated color scheme and graphics make it easier to determine switch status
- Longer stud lengths for improved assembly and easier cable routing
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements

2111A



Battery Selector Switch

Continuous Amps: **230**
Momentary Amps: **345**
Cable Lug Size: **3/8"**
Dimensions: 5.0" x 2.75"

2110A



Battery Selector Switch w/AFD

Continuous Amps: **230**
Momentary Amps: **345**
Cable Lug Size: **3/8"**
Dimensions: 5.0" x 2.75"

2112A



Battery On/Off Switch

Continuous Amps: **230**
Momentary Amps: **345**
Cable Lug Size: **3/8"**
Dimensions: 5.0" x 2.75"

Battery Selector Switches

Cruiser Series Battery Selector Switches

- Polycarbonate case
- For 6,12, 24 or 36V systems
- Surface mount

Continuous Amps: **230**
Momentary Amps: **345**
Cable Lug Size: **3/8"**
Color: Red
Dimensions: 5.50" x 2.63"

Alternator field disconnect (AFD) allows selection of any position, including "off," without damage to alternator or electrical system.

2100



Battery Selector Switch with AFD

2101



Battery Selector Switch without AFD

2102



On/Off Switch without AFD
Available in Black: 2102-3-B

Heavy Duty Diesel Power Battery Switches

- For 6,12, 24 or 36V systems
- All feature Alternator Field Disconnect (AFD) allowing selection of any position, including "off," without damage to alternator or electrical system
- Updated color scheme and new ergonomically styled knob
- Built with heavy-duty copper sweep contacts to ensure positive circuit control
- Rugged internal components protected by a tough, impact resistant polycarbonate housing that is impervious to the elements

2303A



AFD

Heavy -Duty On/Off Switch
Continuous Amps: **450**
Momentary Amps: **800**

2304A



AFD

Extra-Duty On/Off Switch
Continuous Amps: **600**
Momentary Amps: **1000**

2300A

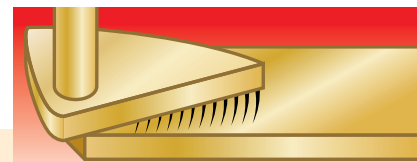


Battery Selector Switch
Continuous Amps: **360**
Momentary Amps: **600**

Alternator Field Disconnect (AFD)

Allows selection of any position, including "Off," without damage to alternator or electrical system. AFD is required on some electrical systems.

- Heavy-duty copper sweep contacts
- Positive click-stop on all positions
- "Make before break" contacts allow selection of all positions except "Off" while engine is running
- Use with 6, 12, 24 or 36V systems



Exclusive flat 360 "sweep" contact design provides up to 60% more contact area than other switch designs.

- New design is easy to retrofit into existing hole patterns
- Built-in skirt protects connections
- Surface or rear panel mounting
- Marine grade construction