

DC CONTROL PANEL

HindlePower Companion Product

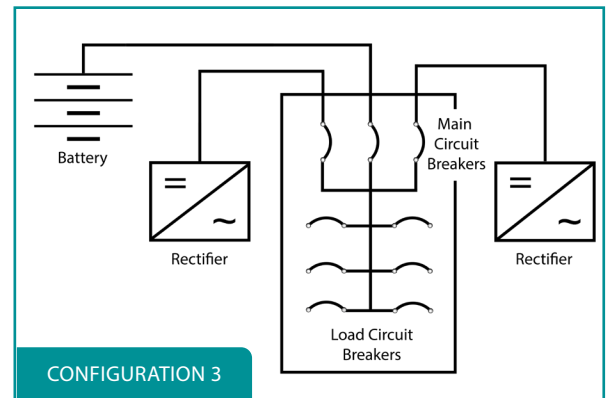
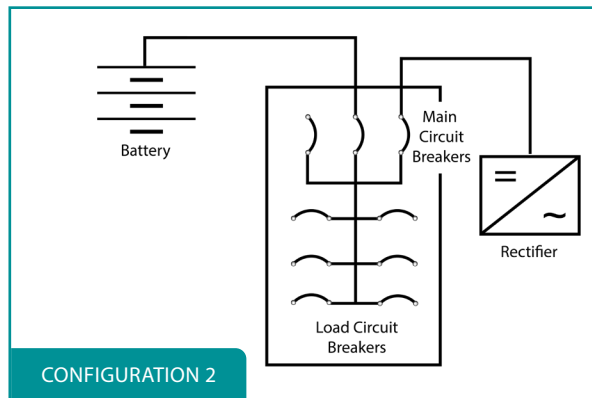
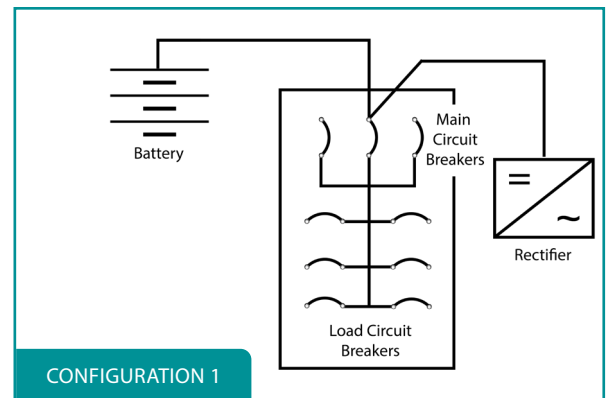


A Smart Way to Coordinate DC loads with DC Sources

The DC Control Panel provides up to three main circuit breakers, useful for connecting multiple dc sources, such as chargers and batteries.

Assembly is NRTL designed, manufactured, tested, and labeled via SICP to standards CSA C22.2 No. 286-17 & UL 508A.

Utilizes UL 489 listed Square-D molded case circuit breakers for branch protection.



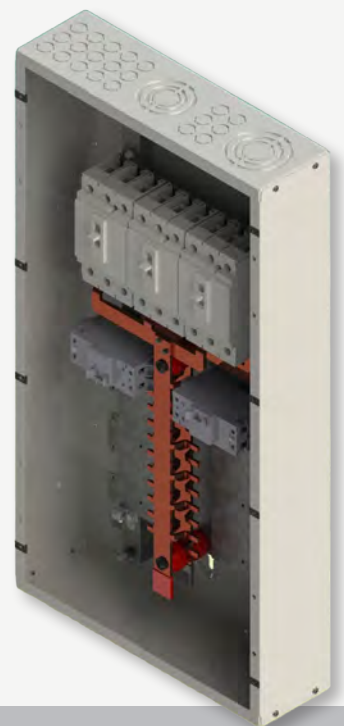
Features and Configurations

Main Circuit Breakers

- Supports up to three (3) main breakers rated at 250Vdc:
 - “Hx” frame: 50, 75, 100, 125, and 150Adc
 - “Jx” frame: 150, 175, 200, 225 and 250Adc
- The sum of the dc sources not to exceed 600Adc
- Main breaker(s) interrupting rating is 20 kAIC standard Optional auxilliary switches available

Branch Circuit Breakers

- Distribution section supports multiple Square-D PowerPact “Bx” type circuit breakers:
 - 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 90, 100, 110, and 125Adc trip ratings available
- Branch breaker(s) interrupting rating is 10 kAIC standard with optional 20 kAIC available
- Optional single pole circuit breakers and auxilliary switches available



Enclosure Features

- Standard enclosure is designed to meet NEMA Type-1 specs. It can also be supplied with an optional enclosure to meet NEMA Type-3R specs.
- Designed for standard rear surface wall mounting. Optional bracket accessory for EIA rack mounting is available.
- Pre-punched conduit knockouts, on top side as standard:
 - (1) 1.25in / 32mm through 3.50in / 89mm knockout
 - (1) 0.75in / 19mm through 3.00in / 76mm knockout
 - (24) 0.5in / 13mm through 0.75in / 19mm knockouts
- Enclosure can be arranged with optional bottom conduit knockouts, if requested.

SPECIFICATIONS:

MAIN BUS

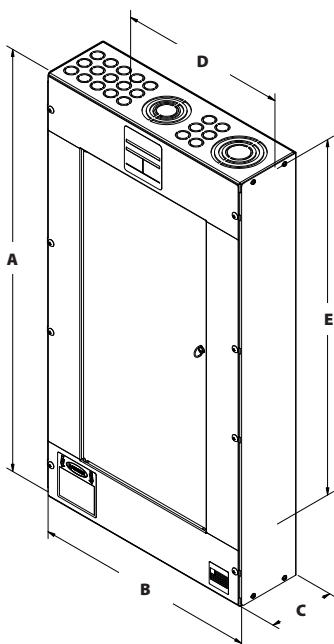
Material: ETP 110 copper
Bus bar Rating: 250Vdc / 600A

BRANCH BUS

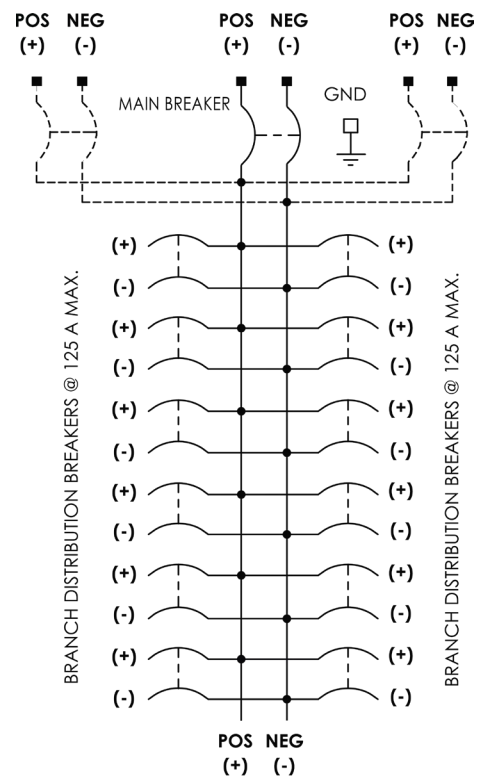
Material: ETP 110 copper
Bus bar Rating: 250Vdc / 125A

ENVIRONMENTAL

Operating Temperature: 0-40 °C



DC Control Panel Schematic



Enclosure Dimensions

Enclosure	DCP38	DCP56
A	38.00in	56.00in
B	20.12in	20.12in
C	5.82in	5.82in
D	15.00in	15.00in
E	32.00in	50.00in

Operating Instructions



Standard Drawings



BAE/HINDLEPOWER PARTNERSHIP

BAE has a strong legacy as a trusted European manufacturer of high quality, highly reliable stationary batteries for emergency backup power systems. Their batteries are used worldwide in applications such as electric utilities, industrial operations, renewable energy, transportation, telecommunications, and data centers. To meet the growing demands of North American customers, BAE USA provides localized support and service.

HindlePower, Inc., headquartered in Easton, PA, is recognized as the premier manufacturer of stationary and utility battery chargers in the Western Hemisphere. Since the mid-1970s, HindlePower has offered a comprehensive range of microprocessor and standard SCR chargers through partnerships with battery manufacturers.

BAE USA is proud to partner with HindlePower to distribute its complete line of battery charging products and accessories. The BAE/Hindle microprocessor charger, are designed to complement BAE's battery line, provides state-of-the-art control for industrial users, enabling both local and remote management of critical charging parameters, along with efficient alarm monitoring.

Together, BAE USA and HindlePower offer a wide range of charging solutions, including:

- ATEVO advanced SCR battery chargers
- Specialized battery system cabinets and trailers
- DC Distribution and disconnects
- Custom design and engineering services
- Single-cell battery chargers
- Universal maintenance chargers

For more information about BAE batteries and chargers, please contact BAE USA or your local representative or dealer.

FOR MORE INFORMATION:

Call to speak with our professional and knowledgeable team:

BAE USA

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715-247-2262



Seismic Qualified - ABS
CE certification available upon request

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BAE 0125

All specifications subject to change.