

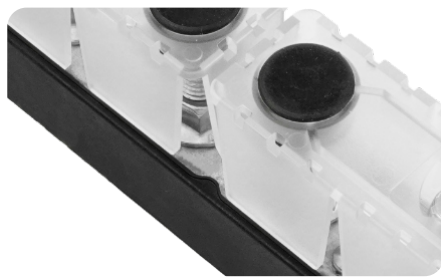
**Includes Transparent Cover** that allows inspection of torque markings without removal, and provides break-away tabs for cable / terminal access while ensuring maximum protection against inadvertent shorts to adjacent parts.

**Insert Molded Busbar and Studs** maximize strength and durability of finished installation

**Flexible Mounting Screw Sizing** to accept #10 (M5) or ¼" (M6) screws

**Stainless Steel Self Locking Hardware** Ensures long term reliability and ease of installation

**Tin Plated Copper Busbars** deliver superior electrical performance with minimal voltage drop



*Related Product: 150 Amp Busbars*

*Related Product: Compact Dual Busbar*



P/N: 6150-400B

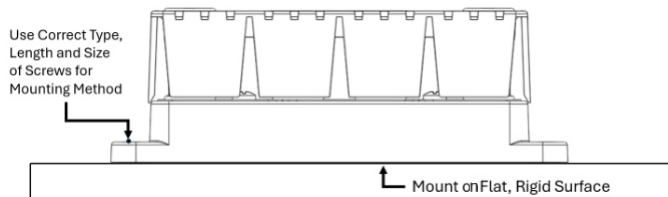


P/N: 6100-010B

## Installation Guidelines

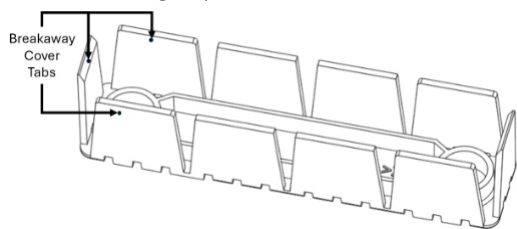
- \* **DISCONNECT BATTERY FROM POWER DISTRIBUTION SYSTEM BEFORE INSTALLING PRODUCT TO PREVENT ELECTRICAL SHOCK OR FUSE DAMAGE**
- \* **INSTALLER / MANUFACTURE IS RESPONSIBLE AND FULLY LIABLE FOR ENSURING THIS PRODUCT IS INSTALLED IN A MANNER THAT WILL NOT EXCEED THE PRODUCT'S SPECIFICATION**
- \* **FOLLOW AMERICAN BOAT AND YACHT COUNCIL (ABYC) OR OTHER RELEVANT GUIDELINES FOR SELECTING AND INSTALLING THIS PRODUCT TO MEET YOUR APPLICATION**

(1) Mount product on a flat surface with sufficient rigidity to support the product and all attachment cables.



(2) Use the appropriate screw type (machine/thread cutting), size (match with pilot or through-hole diameter), and length; ensuring that the weight of the product and associate cables will be properly secured.

(3) Assemble input and output cables to external studs to meet application requirements. Check cover fit and if cable/terminal diameter interferes with full seating of cover, remove breakaway tabs as needed with pliers. Torque cable terminal nuts to target specification level.



(4) Assemble cover to base by pressing rubber grommets over corresponding stud terminals.

(5) Strain relief cables to a fixed mounting surface and/or other cables to stop cable weight and system shock/vibration from loosening attachment nuts. Follow minimum strain relief distances per applicable industry standards.

(6) Perform system-level validation in worst-case conditions ensuring maximum cable/terminal temperatures are not exceeded.

## Related Products - Dual Level 200A Busbars



P/N: 6200-229B

## Specifications

|                                     |                        |
|-------------------------------------|------------------------|
| Maximum Voltage (Vdc)               | 80 Vdc                 |
| M8 Nut Recommended Torque           | 100 in-lbs (11.3 N-m)  |
| M8 Nut Maximum Torque               | 120 in-lbs (13.6 N-m)  |
| M10 Nut Recommended Torque          | 120 in-lbs (13.6 N-m)  |
| M10 Nut Maximum Torque              | 140 in-lbs (15.8 N-m)  |
| Mounting Screw Max Torque           | 50 in-lbs (5.5 N-m)    |
| Cover Material                      | Clear Polycarbonate    |
| Base Material                       | Nylon 6 30% GF         |
| Operating Ambient Temperature Range | -40 C to 125 C         |
| Max Storage/Shipping Temperatures   | -50 C to 140 C         |
| Busbar Material                     | Tin Plated Copper      |
| Mounting Holes                      | 4x #10(M5) & 2x ¼"(M6) |

## Related Products - 100 Amp Busbars

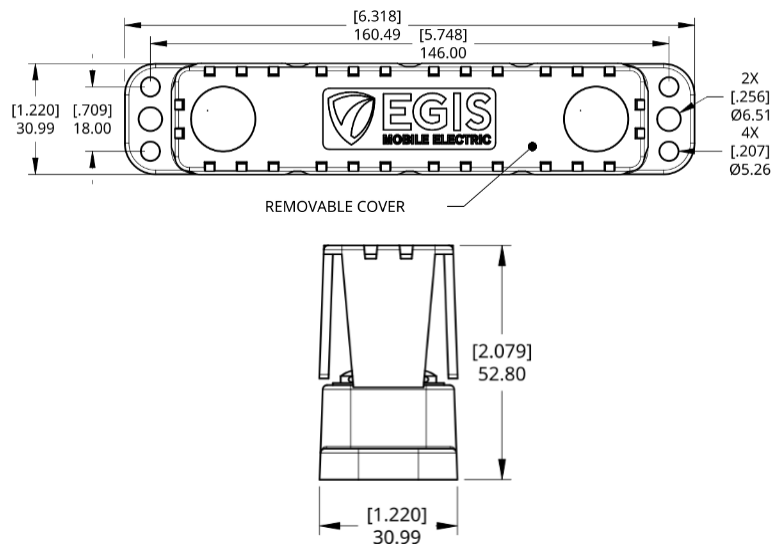


P/N: 6101-205B

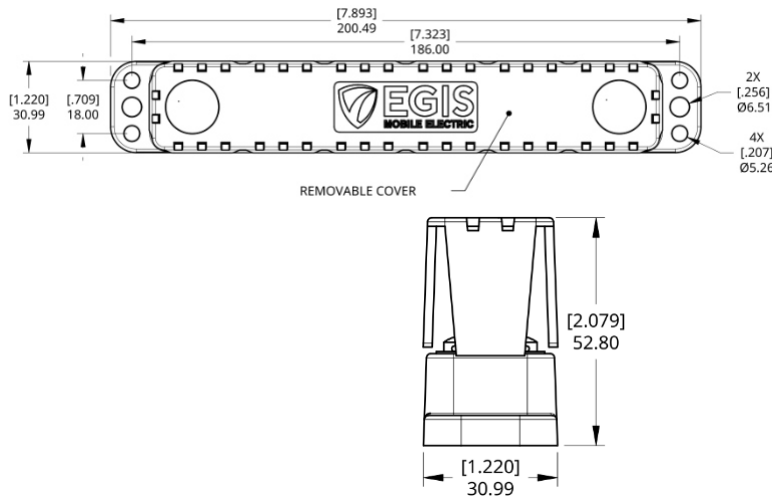
| Part Numbers                     | Resell Pack | Bulk Pack |
|----------------------------------|-------------|-----------|
| 250 A Busbar - 2 Stud - 8 Screw  | 6250-208    | 6250-208B |
| 250 A Busbar - 4 Stud - 4 Screw  | 6250-404    | 6250-404B |
| 250 A Busbar - 2 Stud - 14 Screw | 6250-214    | 6250-214B |
| 250 A Busbar - 6 Stud            | 6250-600    | 6250-600B |
| 250 A Busbar - 2 Stud - 2 Screw  | 6252-200    | 6252-200B |
| 600 A Busbar - 3 Stud            | 6601-300    | 6601-300B |
| 600 A Busbar - 4 Stud - 4 Screw  | 6600-404    | 6600-404B |
| 600 A Busbar - 5 Stud            | 6601-500    | 6601-500B |
| 600 A Busbar - 8 Stud - 8 Screw  | 6600-804    | 6600-804B |

| Related Part Numbers                  | Resell Pack | Bulk Pack |
|---------------------------------------|-------------|-----------|
| 100 A Busbar - 2 Stud - 5 Screw       | 6101-205    | 6101-205B |
| 100 A Busbar - 4 Stud                 | 6101-400    | 6101-400B |
| 150 A Busbar - 2 Stud - 10 Screw      | 6151-210    | 6151-210B |
| 150 A Busbar - 2 Stud - 20 Screw      | 6151-220    | 6151-220B |
| 150 A Busbar - 4 Stud                 | 6151-400    | 6151-400B |
| 100 A Busbar - 4 Stud                 | 6101-400    | 6101-400B |
| Dual Level Busbar - 3 Stud - 11 Screw | 6200-225    | 6200-225B |
| Dual Level Busbar - 3 Stud - 19 Screw | 6200-229    | 6200-229B |
| Dual Busbar 100 A - 2x5 Screw         | 6100-005    | 6100-005B |
| Dual Busbar 100 A - 2x10 Screw        | 6100-010    | 6100-010B |

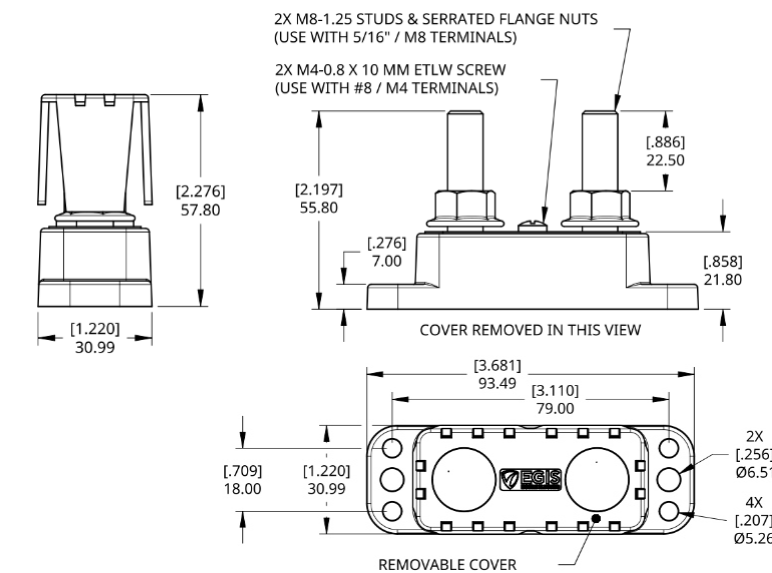
## Dimensions - 6250-208 & 6250-404



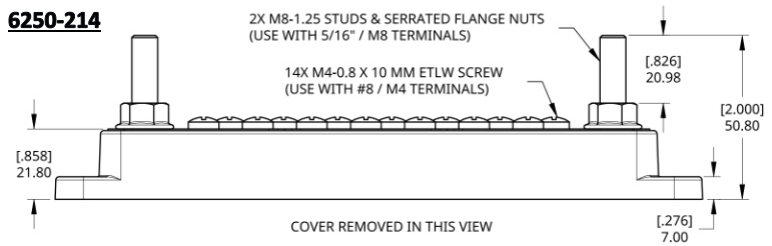
## Dimensions - 6250-214 & 6250-600



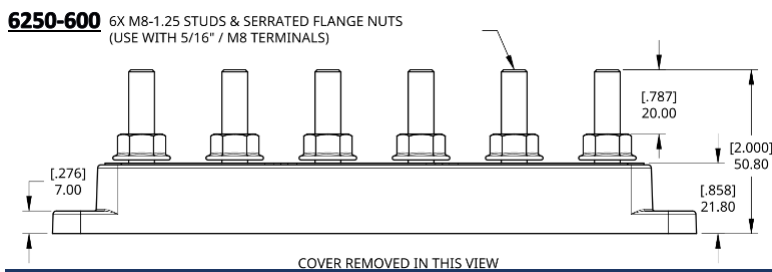
## Dimensions - 6252-200



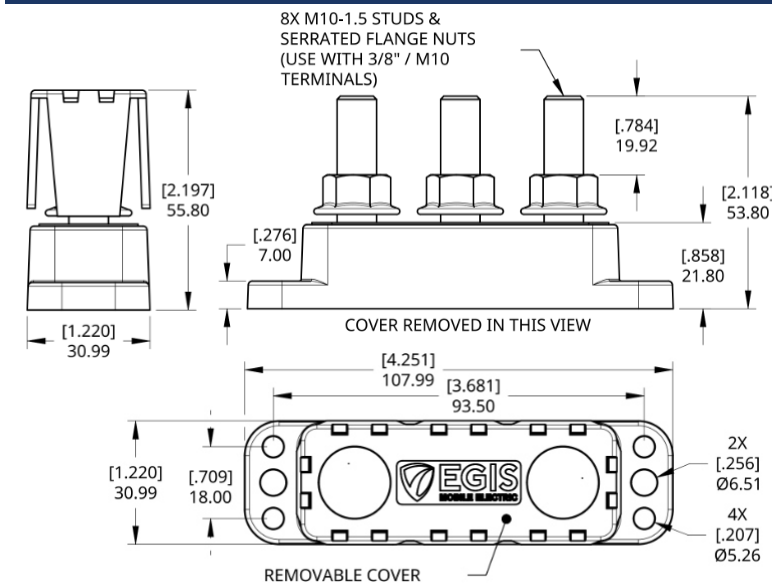
## 6250-214



## 6250-600

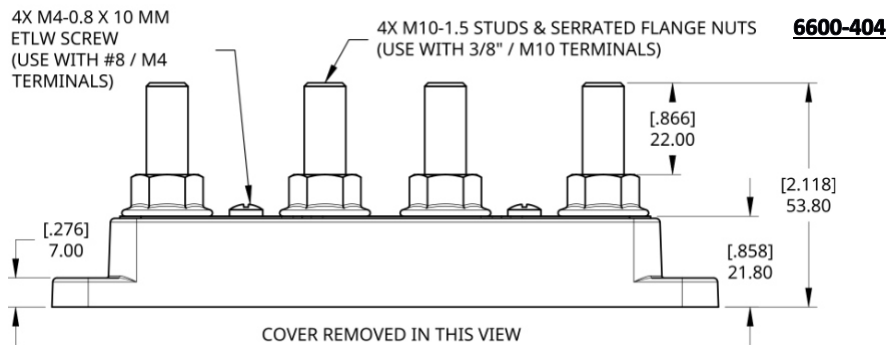
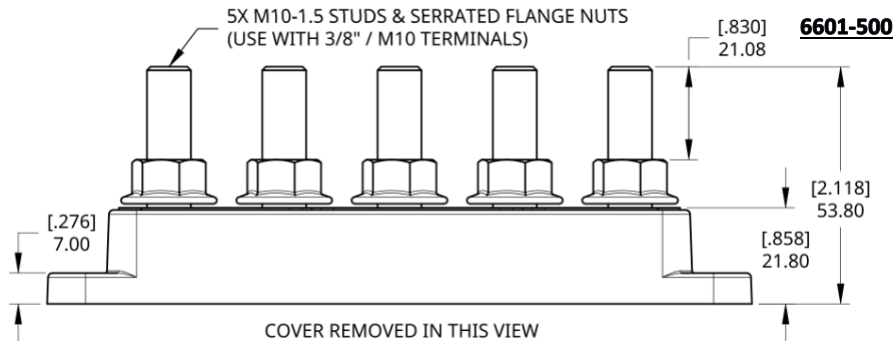
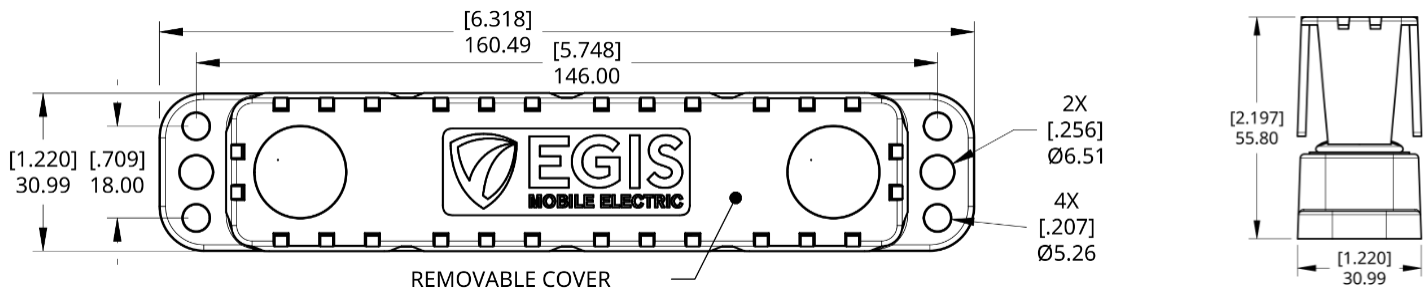


## Dimensions - 6601-300





## Dimensions - 6600-404 & 6601-500



## Dimensions - 6600-804

