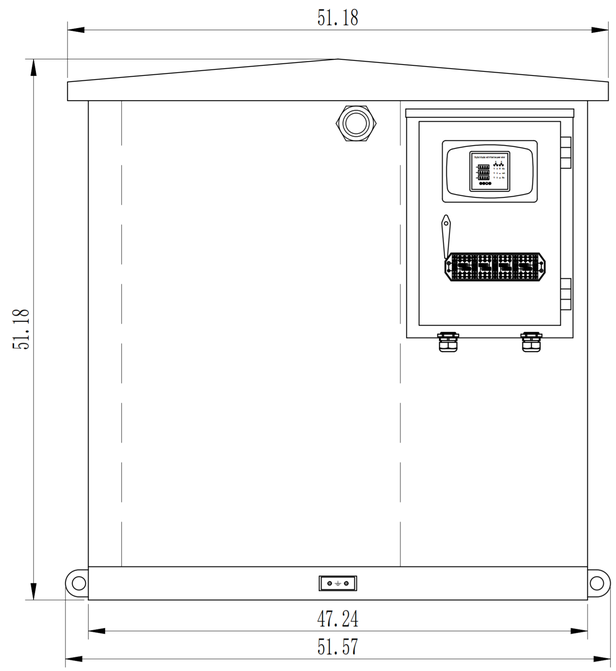
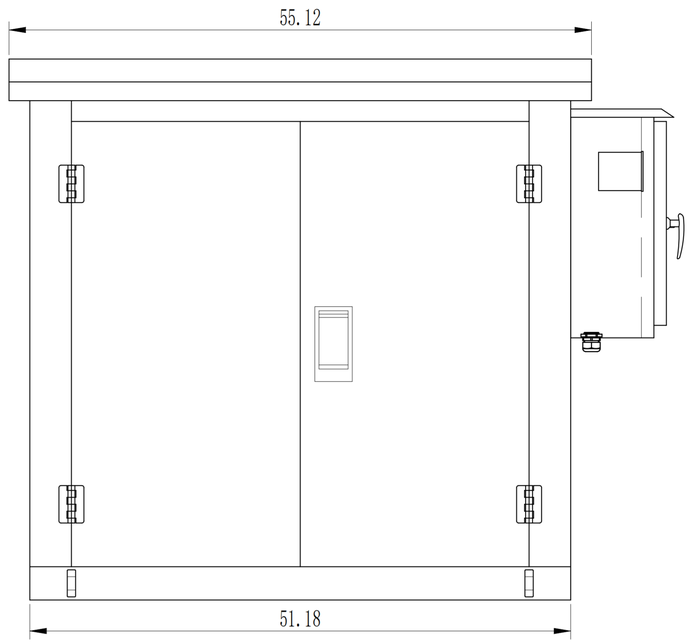
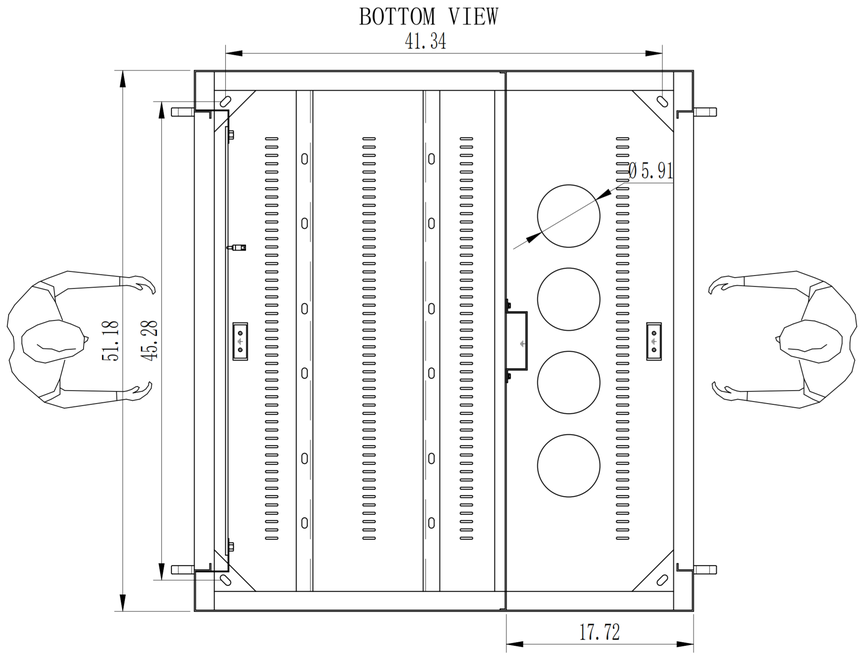
RIGHT SIDE VIEW




COMPONENT COMPARTMENT - FRONT VIEW




BOTTOM VIEW




| Technical Parameters | | |
|---|---|---|
| 01 | Enclosure Color | Munsell™ 7GY 3.29/1.5 Bell Green |
| 02 | Enclosure Material | T2.0 Galvanized Steel Plate |
| 03 | Operating Altitude | ≤1000M |
| 04 | Operating Environment | Outdoor, Pad-Mounted / Rack-Mounted |
| 05 | Protection Rating | NEMA 3R |
| 06 | Cable Entry/Exit | Bottom Entry, Bottom Exit (Cable) |
| 07 | Busbar Configuration | 3-Phase, 3-Wire, Copper Busbar |
| 08 | Connection Cable | |
| 09 | Rated voltage | 15000 V |
| 10 | Rated current | 200 A |
| 11 | Frequency | 60Hz |
| 12 | Dimensions Unit | Inches |

Previous Drawing No.

Master Drawing No.

Signature

Date

| Mark | Number | Changed file num | Signature | Date | Process | | Standardization | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Design | | Approval | |
| | | | | | Verification | | Date | 2026-10-19 |

12.47V 200A Outdoor Metering Cabinet Outline Dimension Drawing

Production Quantity

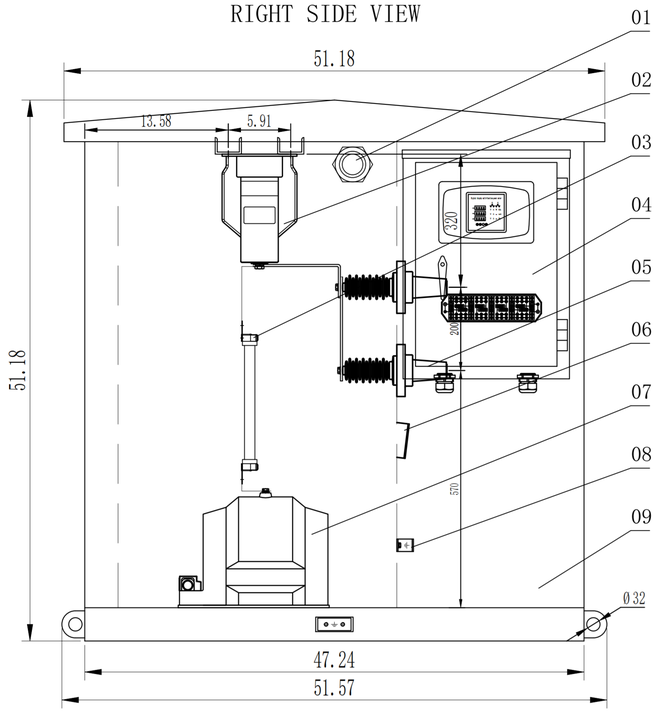
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LARSON MAGNETICS

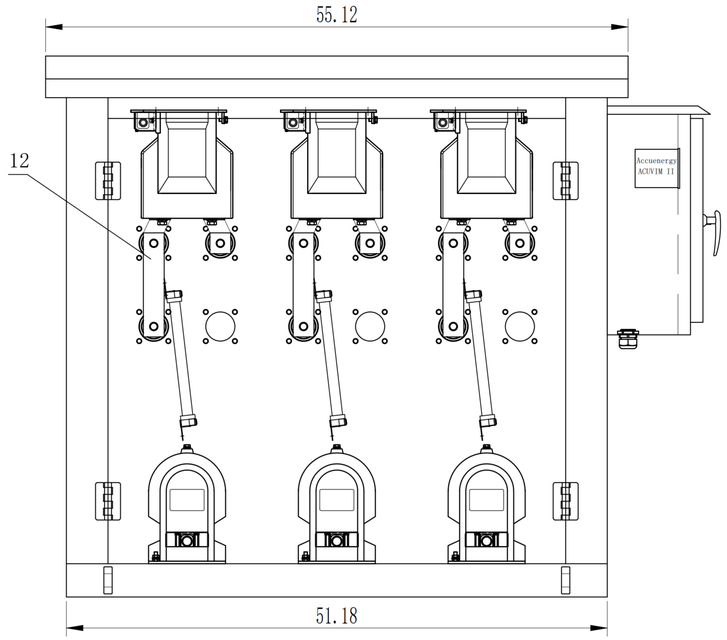
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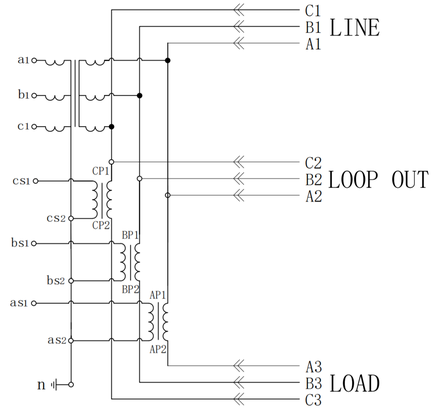
Tot. 2 Page

RIGHT SIDE VIEW

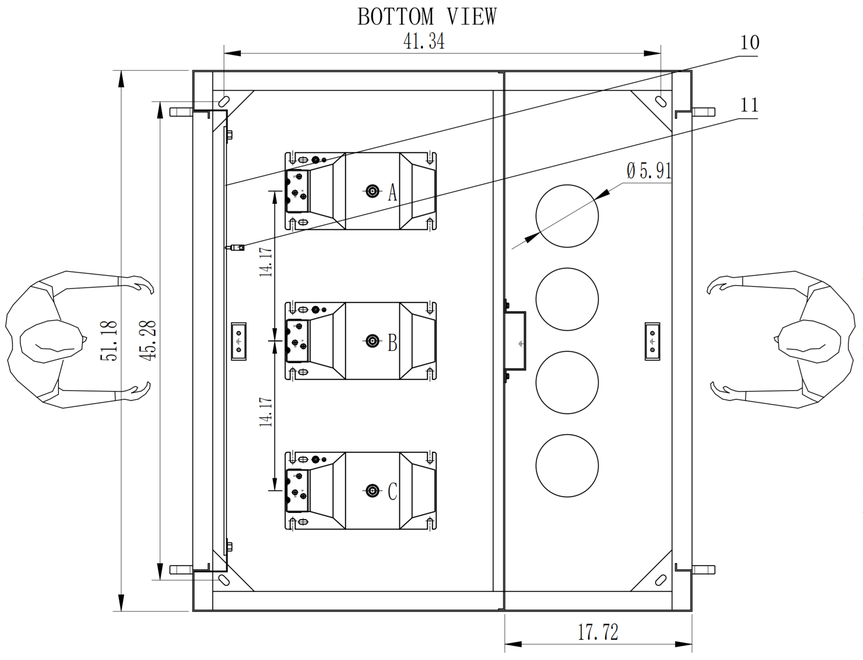



COMPONENT COMPARTMENT - FRONT VIEW (OUTER DOOR REMOVED)




BOTTOM VIEW




Installation Instructions:

1. Ventilation and pressure relief holes are provided on the bottom plate and under the top cover eaves, with welded 200-mesh stainless steel insect screens.
2. Two-hole main grounding pads are welded in both the instrument transformer (CT/PT) compartment and the cable compartment, capable of accepting #6 AWG solid to #2/0 AWG stranded copper wire. The ground busbar below the bushings shall have at least four 1/2"-13 NC threaded holes.
3. Liquid-tight connectors shall be used inside the metering box, connected via flexible metal conduit to route the secondary wiring within the enclosure.
4. Current transformers (CTs) shall be wired using #10 AWG solid copper wire; voltage transformers (PTs) shall be wired using #12 AWG solid copper wire.
5. Metering wire colors:VA: Orange,VB: Blue,VC: Yellow,VN: White,CT-A: Black,CT-B: Brown,CT-C: Red,CTR: Gray;

Test switch terminal arrangement:VA,VB,VC,VN,CTR-A,CT-A,CTR-B,CT-B,CTR-C,CT-C。

| No. | Name | Spec | Qty | |
|---|---|---|---|---|
| 15 | | | | |
| 14 | | | | |
| 13 | | | | |
| 12 | Main Busbar | . | | |
| 11 | Limit Switch | 1 NO / 1 NC | 1 | |
| 10 | Transparent Protective Door | | 1 | |
| 09 | Outdoor Enclosure | 59.06*51.18*47.24 | 1 | |
| 08 | Ground Busbar (Copper) | PE TMY-1.18*0.12 | | |
| 07 | Potential Transformer (PT) | | 3 | |
| 06 | Wall-Mount Location for Cable Terminations | | | |
| 05 | American-Style Bushing | L=295 600A | 9 | |
| 04 | Metering Cabinet | 15.75*21.65*7.87 | 1 | |
| 03 | Fuse | | 3 | Provide 3 additional spare units |
| 02 | Current Transformer (CT) | | 3 | |
| 01 | Liquid-Tight Connector | M50 | 1 | |

Previous Drawing No.

Master Drawing No.

Signature

Date

| Mark | Number | Changed file num | Signature | Date | Process | | Standardization | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Design | | Approval | |
| | | | | | Verification | | Date | 2026-10-19 |

200A Outdoor Metering Cabinet
Component General Assembly Drawing

Production Quantity
Number

LARSON MAGNETICS

No. 2 Page
Tot. 2 Page