

May 1, 2024

Please use the below steps to identify if your Siemens Solar Ready Meter Combo needs to be inspected.

1. Open the door and locate the wiring diagram.

To open the door, pull the locking tab at bottom of the right door forward, and the door will release and drop down a little. This will allow the door to swing open.



The wiring diagram label is located on the inside of the door panel as shown below.



2. Identify the catalog number.

The wiring diagram label will appear similar to the below image. In the top left corner, there will be a catalog number beginning with "MC".

- If the catalog number is **MC2442S1200FC** or **MC2442S1200SC**, please proceed to Step 3.
- If the catalog number does not match one of the two part numbers listed above, the meter combo is not affected. Please skip to Step 6.

SIEMENS

Outdoor Combination Metering

| <p>Catalog Number MC2442S1200FC</p> <p>Panelboard Rating: 200 Amps, Max; See Service Disconnect Rating 120/240 Volts ~, 1 phase, 3 wire; 208Y/120 Volts ~, 1 phase, 3 wire (Derived from 3 phase - 4 wire system With 5th Jaw Assembly installed)</p> <p>Meter Socket Rating: 200 Amps Continuous</p> <p>Parallel Energy Source Disconnect M1: 100 Amps, Max.</p> <p>This panelboard is suitable for use with interconnected parallel electric power production sources and is intended for connection to utility-interactive equipment in accordance with Article 705 of the National Electrical Code®, ANSI/NFPA 70®,</p> <p>M1 disconnects Parallel Energy Source but does not disconnect all power feeding this device.</p> <p>Parallel Energy Source must be connected to M1 circuit breaker. M1 cannot be used as a branch breaker position or for a backup (generator) power source.</p> <p>System installation must be by a Qualified Person and must meet all local utility and National Electrical Code requirements.</p> <p>Suitable Only For Use As Service Equipment</p> <p>For Overhead or Underground Service.</p> <p>Use 60/75° C Copper or Aluminum Conductors.</p> <p>Line terminals A1 and B1 are installed for underground service entry as shown in the wiring diagram. For overhead entry, reposition service bus per enclosed instruction sheet.</p> <p>Unused neutral branch terminals may be used to terminate equipment grounding wires in the combinations indicated for equipment ground bar terminals.</p> <p>General Information: Remove twistouts from trim only where breakers will be installed. All openings must be filled with breakers or filler plates.</p> <p>Circuit breaker overload trip position is indicated by handle position midway between ON and OFF. To reset, move handle to OFF position then turn ON.</p> <p>Any 80-125 Amp circuit breaker must be installed in the lowest position in the branch panel. All other positions are limited to 70 Amp maximum circuit breakers.</p> | <p style="text-align: right;">Enclosure Type 3R</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Terminal</th> <th>Wire Size</th> <th>Torque</th> </tr> </thead> <tbody> <tr> <td>A1, B1, A2, B2</td> <td>250kcmil - #4</td> <td>250 lb-in</td> </tr> <tr> <td>N1</td> <td>250kcmil - #6</td> <td>250 lb-in</td> </tr> <tr> <td>G1, N2</td> <td>2/0 - #14</td> <td>50 lb-in</td> </tr> <tr> <td>Branch Breaker Terminals</td> <td>See Markings on Breaker</td> <td></td> </tr> <tr> <td>Neutral Bar</td> <td>#10 - #14 CU #10 - #12 AL #8 #6 - #4</td> <td>20 lb-in 20 lb-in 25 lb-in 35 lb-in</td> </tr> <tr> <td>Ground Conductors Only</td> <td>(2) or (3) #14 AWG (2) #12-#10 AWG</td> <td>20 lb-in 20 lb-in</td> </tr> </tbody> </table> <p>If hub is required, use the catalog numbers listed below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Trade size (in)</th> <th>Catalog number</th> </tr> </thead> <tbody> <tr> <td>1 1/4"</td> <td>EC38597</td> </tr> <tr> <td>1 1/2"</td> <td>EC38598</td> </tr> <tr> <td>2"</td> <td>EC38599</td> </tr> <tr> <td>2 1/2"</td> <td>EC38600</td> </tr> <tr> <td>HC Type Hub (bottom endwall)</td> <td></td> </tr> <tr> <td>2"</td> <td>ECHC200</td> </tr> <tr> <td>2 1/2"</td> <td>ECHC250</td> </tr> <tr> <td>3"</td> <td>ECHC300</td> </tr> </tbody> </table> <p>Accessories: Filler Plate - ECOF3 5" Jaw Assembly - EMC5J Meter Socket Jumper - ECSJ5 Grounding Bar - "GB" series Interlock Kit - ECS8PK02</p> <p>Lug Kits:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Catalog #</th> <th>Wire Range</th> <th>Torque</th> </tr> </thead> <tbody> <tr> <td>ECLK1-2</td> <td>2/0 - #2</td> <td>45 lb in</td> </tr> <tr> <td>ECLK2</td> <td>2/0 - #4</td> <td>135 lb in</td> </tr> <tr> <td>ECLKG2</td> <td>2/0 - #14</td> <td>50 lb in</td> </tr> </tbody> </table> | Terminal | Wire Size | Torque | A1, B1, A2, B2 | 250kcmil - #4 | 250 lb-in | N1 | 250kcmil - #6 | 250 lb-in | G1, N2 | 2/0 - #14 | 50 lb-in | Branch Breaker Terminals | See Markings on Breaker | | Neutral Bar | #10 - #14 CU #10 - #12 AL #8 #6 - #4 | 20 lb-in 20 lb-in 25 lb-in 35 lb-in | Ground Conductors Only | (2) or (3) #14 AWG (2) #12-#10 AWG | 20 lb-in 20 lb-in | Trade size (in) | Catalog number | 1 1/4" | EC38597 | 1 1/2" | EC38598 | 2" | EC38599 | 2 1/2" | EC38600 | HC Type Hub (bottom endwall) | | 2" | ECHC200 | 2 1/2" | ECHC250 | 3" | ECHC300 | Catalog # | Wire Range | Torque | ECLK1-2 | 2/0 - #2 | 45 lb in | ECLK2 | 2/0 - #4 | 135 lb in | ECLKG2 | 2/0 - #14 | 50 lb in |
|---|---|--|-----------|--------|----------------|---------------|-----------|----|---------------|-----------|--------|-----------|----------|--------------------------|-------------------------|--|-------------|---|--|------------------------|--|----------------------|-----------------|----------------|--------|---------|--------|---------|----|---------|--------|---------|------------------------------|--|----|---------|--------|---------|----|---------|-----------|------------|--------|---------|----------|----------|-------|----------|-----------|--------|-----------|----------|
| Terminal | Wire Size | Torque | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1, B1, A2, B2 | 250kcmil - #4 | 250 lb-in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N1 | 250kcmil - #6 | 250 lb-in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G1, N2 | 2/0 - #14 | 50 lb-in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Branch Breaker Terminals | See Markings on Breaker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Neutral Bar | #10 - #14 CU #10 - #12 AL #8 #6 - #4 | 20 lb-in 20 lb-in 25 lb-in 35 lb-in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Conductors Only | (2) or (3) #14 AWG (2) #12-#10 AWG | 20 lb-in 20 lb-in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trade size (in) | Catalog number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 1/4" | EC38597 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 1/2" | EC38598 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2" | EC38599 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 1/2" | EC38600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HC Type Hub (bottom endwall) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2" | ECHC200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 1/2" | ECHC250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3" | ECHC300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Catalog # | Wire Range | Torque | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECLK1-2 | 2/0 - #2 | 45 lb in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECLK2 | 2/0 - #4 | 135 lb in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECLKG2 | 2/0 - #14 | 50 lb in | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Short Circuit Current Rating (Wattour Meter not included in short circuit rating)
This panelboard has a maximum short circuit current rating of 22,000 Amps RMS symmetrical, 120/240 V~. The correct Service Disconnect, branch circuit breakers and Parallel Energy Source Disconnect combinations to be used for various short circuit current levels are listed in the tabulation below. Any circuit breaker installed, replaced, or added in this panelboard must be manufactured by Siemens and must be of the correct type as indicated in the tabulation below.

| SERVICE DISCONNECT M2 | BRANCH BREAKER | Then the max. short circuit current rating in RMS symmetrical Amperes, 120/240 Vac is: | DISCONNECT M1 |
|--|---|--|---|
| When the panelboard service disconnect is a Type | And the branch breakers installed are Type | | If installed, the Parallel Energy Source Disconnect must be a Type: |
| E09685 (Siemens) | QP, QPH, HQP, QT, QAF, QAFH, QPF, QPHF, OE, OEH (Siemens) | 10,000 | QP (Siemens) |
| | MP-T, MP-HT, MRAT, MR-T, MRAT, MP-HAT, MP-HGT, MP-ET, MP-HET (Murray) | 22,000 | MP-T (Murray) QPH (Siemens) MP-HT (Murray) |

Warning: This equipment has been designed for use only with circuit breakers listed above. Use of other circuit breakers in this equipment could result in personal injury or property damage and will void the warranty.

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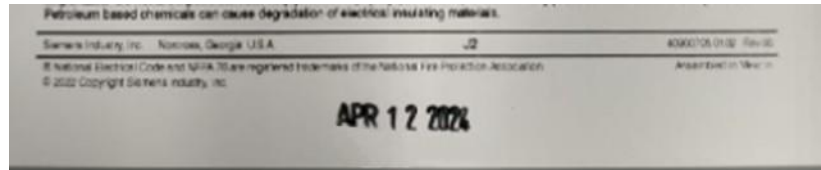
Siemens Industry, Inc., Norcross, Georgia, U.S.A. **J2** 40900243.0102 Rev.C
MANUFACTURING DATE: Assembled in Mexico

IMPORTANT: DO NOT ALLOW PETROLEUM BASED (HYDROCARBON) SPRAYS, CHEMICALS, SOLVENTS OR ANY PAINT TO CONTACT INTERIOR COMPONENTS. PETROLEUM BASED CHEMICALS CAN CAUSE DEGRADATION OF ELECTRICAL INSULATING MATERIALS.

3. Identify the manufacturing date code.

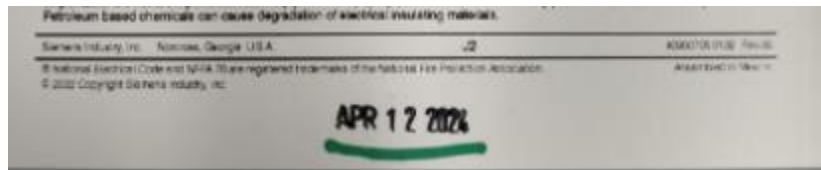
The date code will be stamped on the same wiring diagram in the format of MONTH DAY YEAR.

- a. If the date code does *not* fall between August 1, 2021 through August 31, 2022, the meter combo is not affected by the nonconformance. Please skip to Step 6.
- b. If the date code falls between **August 1, 2021 through August 31, 2022**, please go to Step 4.



4. Identify if the meter combo has already been inspected.

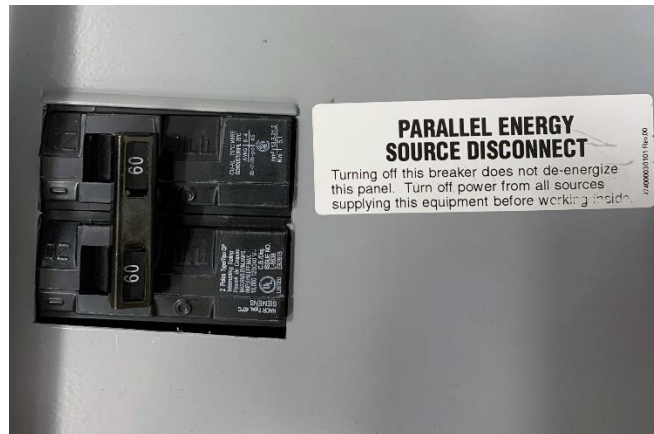
- a. If the date code has been underlined in green as shown below, the product has already been inspected and confirmed conforming – it is not impacted by the safety notice. Please skip to Step 6.
- b. If the date code has **NOT** been underlined in green, as shown above, please go to Step 5.



5. Turn OFF the Solar Input circuit breaker.

If installed, the solar input circuit breaker will be located at the top of the enclosure, as shown below, with a label "PARALLEL ENERGY SOURCE DISCONNECT".

- a. If there is no circuit breaker in this position, please proceed to Step 6.
- b. If there is a circuit breaker in this position, please ensure the breaker handle is in the OFF position to disconnect solar input to the meter combo until further notice. To do so, push the handle to the right, towards the OFF raised lettering, until it 'snaps' into place (see example image below). If additional support is needed to complete this action, please contact Siemens Industry Customer Care Center at 1-800-756-6996 or psn.industry@siemens.com.



6. Report Inspection Results.

Take pictures clearly identifying the catalog number, date code, and circuit breaker position. Close the panel door and reply to the email sent to you from psn.industry@siemens.com with the pictures attached or contact Siemens Industry Customer Care Center at 1-800-756-6996.