

# PANEL MARKS: AGGPB-208V-242KW-MAX

## TECHNICAL SPECIFICATIONS

PANEL TYPE: neXT Factory Assembled Interior  
 QUANTITY: 1  
 AMPS: 600A  
 VOLTAGE: 208Y/120V  
 SYSTEM: 3P4W  
 KAIC: 65 KAIC SC FULLY RATED  
 MATERIAL: ALUMINUM BUS  
 PLATE: SILVER PLATE  
 ENCLOSURE: NEMA 3R CABINETS  
 MOUNTING: SURFACE  
 SECTION: 1  
 MAIN DISCONNECT DEVICE

FEED DIR: Bottom  
 TYPE: Lugs  
 AMPS/SENSOR: 600A/-  
 CATALOG NO.: LGML260A  
 POLES: 3  
 LUGS: Main Lug (2) #2-500 mcm, No Feed Through

## INTERIOR X-VALUES

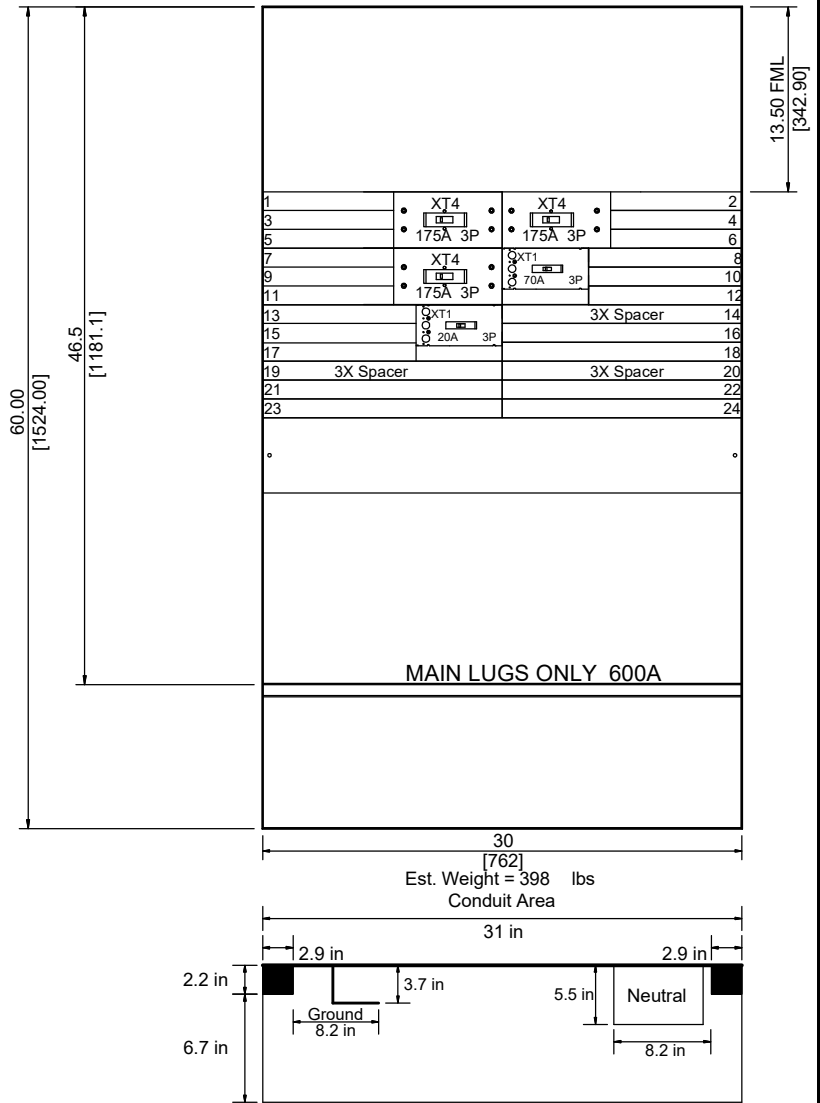
TOTAL X BUS AVAILABLE X BUS  
 16 12

## OPTIONS INCLUDED

| QTY | DESCRIPTION             |
|-----|-------------------------|
| 1   | Nameplates              |
| 1   | Aluminum Bus Heat Rated |
| 1   | Grnd-Box bonded         |

## BOM

| QTY | CAT #         | DESCRIPTION        |
|-----|---------------|--------------------|
| 1   | GDBG10AL      | Ground             |
| 1   | IN1606BL3H1   | Bus                |
| 1   | NL12IONSTNDAL | Neutral            |
| 1   | ER6030R       | Enclosure          |
| 1   | IF1630C       | Frame              |
| 1   | FT30S00135    | Front 1 of 2       |
| 1   | FT30S00260    | Front 2 of 2       |
| 1   | GC30C16BLA    | Gutter             |
| 1   | BP30C         | WirePost           |
| 3   | LGML260A      | MLO and/or FTL Kit |
| 3   | SR03BB        | Spacer             |
| 2   | SR1XBR        | Spacer             |
| 1   | IL30C         | Lifting Bar        |
| 1   | 75C141109P109 | Nameplates         |



|                     |                 |
|---------------------|-----------------|
| PANEL INFORMATION   |                 |
| INTERNAL DIMENSIONS | 60"x32"x11"     |
| NOTES               |                 |
| EXTERNAL DIMENSIONS | 61"x33.5"x16.7" |

1. FML - FRAME MOUNTING LOCATION.
  2. DRAWING NOT TO SCALE.
  3. DIMENSIONS ARE IN INCHES[mm].
- NEUTRAL CAN BE MOUNTED IN ANY CORNER

FACTORY AUTO-LAYOUT. THE LAYOUT IS NOT SPECIFIED, THE FACTORY MAY CHANGE THE LOCATION OF SOME OF THE BREAKERS. NEUTRAL ARE PRESSURE LUGS.

|                                                         |  |                                            |                                               |                           |
|---------------------------------------------------------|--|--------------------------------------------|-----------------------------------------------|---------------------------|
| PROJECT NAME :<br>Freedom Solar Panel<br>Stock Order #2 |  | PANEL ID:<br>neXT Panel Assembled Interior | PRODUCT NAME:<br>ReliaGear neXT<br>PANELBOARD | DRAWING NO:<br>ITEM NO: 1 |
| CUSTOMER:<br>REXEL, AUSTIN                              |  | CREATED BY: Nguyen, Teddy                  | MARKS: AGGPB-208V-242KW-MAX                   | QUOTE NO: U57-00025097    |
|                                                         |  | DATE: 07/31/2023 15:17:12                  |                                               | SHEET: 1                  |
|                                                         |  | REVISION: 0000001V1xsMIAR                  |                                               |                           |

# neXT Device Information

| X Space | Breaker Catalog Number | Trip Amps | Sensor Amps | Trip Unit | Poles | Phases Used | Lug Cable Size/Neut Sensor/Grnd Fault Cable | Notes |
|---------|------------------------|-----------|-------------|-----------|-------|-------------|---------------------------------------------|-------|
| 1       | XT4NU3175AYJ000XXX     | 175       | -           | TMF       | 3     | ABC         | (1) 4 AWG-300 MCM                           |       |
| 2       | XT4NU3175AYJ000XXX     | 175       | -           | TMF       | 3     | ABC         | (1) 4 AWG-300 MCM                           |       |
| 7       | XT4NU3175AYJ000XXX     | 175       | -           | TMF       | 3     | ABC         | (1) 4 AWG-300 MCM                           |       |
| 8       | XT1SU3070AYD000XXX     | 70        | -           | TMF       | 3     | ABC         | (1) 10 - 2/0 AWG                            |       |
| 13      | XT1SU3020AYD000XXX     | 20        | -           | TMF       | 3     | ABC         | (1) 10 - 2/0 AWG                            |       |

NOTES: