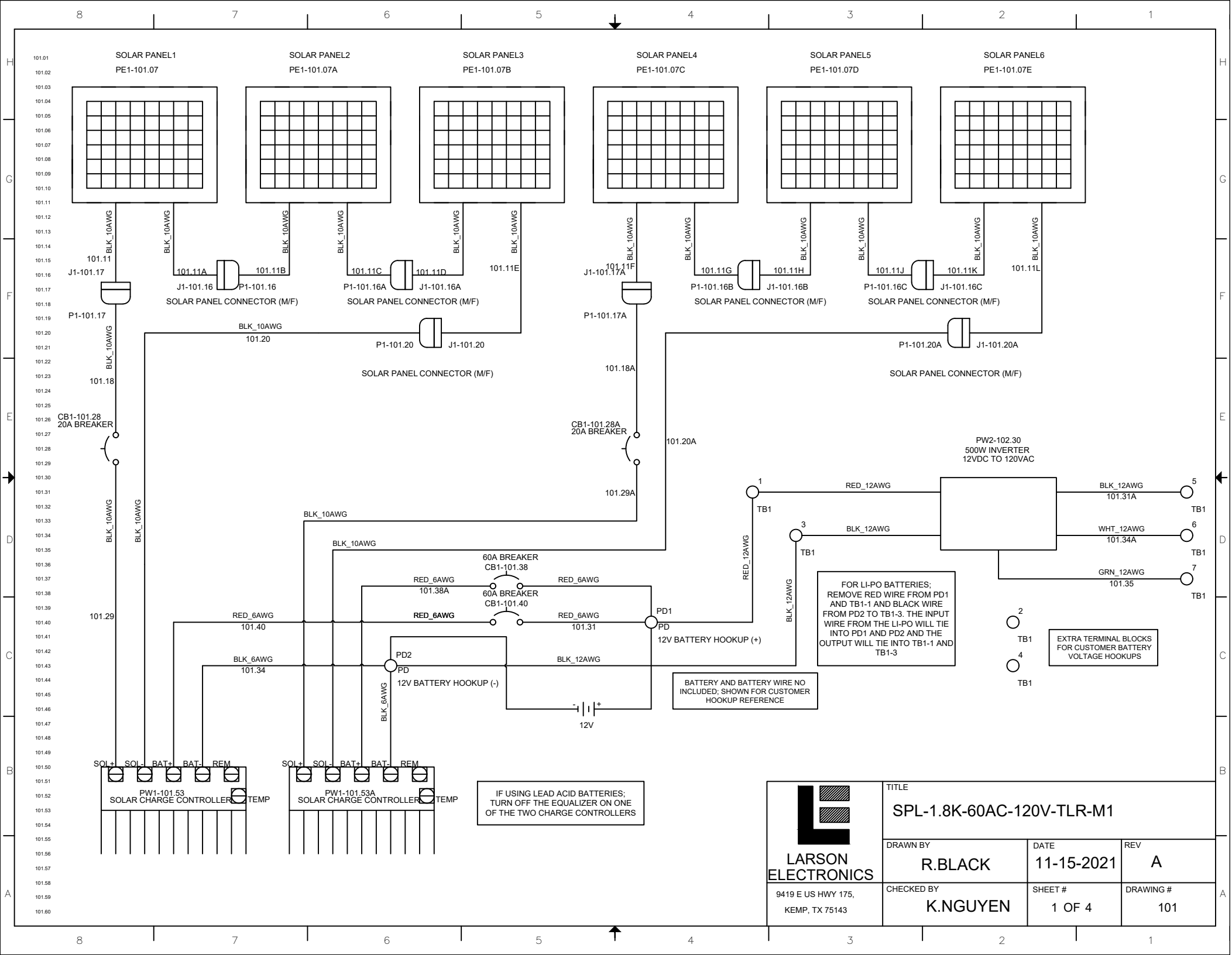


|                                                                                                                                     |                    |   |   |   |   |   |            |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------|---|---|---|---|---|------------|
| 8                                                                                                                                   | 7                  | 6 | 5 | 4 | 3 | 2 | 1          |
| REV                                                                                                                                 | DESCRIPTION        |   |   |   |   |   | DATE       |
| A                                                                                                                                   | PRODUCTION RELEASE |   |   |   |   |   | 11/15/2021 |
| <div>SPL-1.8K-60AC-120V-TLR-M1</div> <div></div> |                    |   |   |   |   |   |            |
|                                                                                                                                     |                    |   |   |   |   |   |            |
|                                                                                                                                     |                    |   |   |   |   |   |            |
|                                                                                                                                     |                    |   |   |   |   |   |            |
|                                                                                                                                     |                    |   |   |   |   |   |            |
|                                                                                                                                     |                    |   |   |   |   |   |            |
|                                                                                                                                     |                    |   |   |   |   |   |            |
|                                                                                                                                     |                    |   |   |   |   |   |            |
| 8                                                                                                                                   | 7                  | 6 | 5 | 4 | 3 | 2 | 1          |



| TAGS                                                                                                      | QTY | CATALOG     | DESCRIPTION                                                      |
|-----------------------------------------------------------------------------------------------------------|-----|-------------|------------------------------------------------------------------|
| P1-101.16<br>P1-101.16A<br>P1-101.16B<br>P1-101.16C<br>P1-101.17<br>P1-101.17A<br>P1-101.20<br>P1-101.20A | 8   | UNV00001349 | MALE SOLAR CONNECTOR                                             |
| J1-101.16<br>J1-101.16A<br>J1-101.16B<br>J1-101.16C<br>J1-101.17<br>J1-101.17A<br>J1-101.20<br>J1-101.20A | 8   | UNV00001350 | FEMALE SOLAR CONNECTOR                                           |
| CB1-101.38<br>CB1-101.40                                                                                  | 2   | UNV00001791 | MRCB 60A 12-48V BREAKER                                          |
| CB1-101.28<br>CB1-101.28A                                                                                 | 2   | UNV00001347 | DIN RAIL MOUNT 150V DC 20A BREAKER                               |
| PE1-101.07<br>PE1-101.07A<br>PE1-101.07B<br>PE1-101.07C<br>PE1-101.07D<br>PE1-101.07E                     | 6   | UNV00005453 | 300W SOLAR PANEL                                                 |
| PW1-101.53<br>PW1-101.53A                                                                                 | 2   | UNV00006003 | SOLAR CHARGE CONTROLLER 60 AMP UP TO 150 VOC INPUT, 12-48 VOLTS. |
| PW2-102.30                                                                                                | 1   | N/A         | 500W 12VDC TO 120VAC POWER INVERTER                              |
| PD                                                                                                        | 2   | UNV00015084 | POWER DISTRIBUTION BLOCK 1-4 175A 600V                           |
| TB1                                                                                                       | 3   | UNV00013970 | 2 HOLE TERMINAL BLOCK - BLUE                                     |
| TB1                                                                                                       | 3   | UNV00013971 | 2 HOLE TERMINAL BLOCK - GRAY                                     |
| TB1                                                                                                       | 1   | UNV00013989 | 2 HOLE GROUND TERMINAL BLOCK                                     |

| Device1    | Pin1 | Type1     | Number | Manufacturer    | Catalog     | Type2     | Pin2 | Device2    | Jumper |
|------------|------|-----------|--------|-----------------|-------------|-----------|------|------------|--------|
| PW2-102.30 |      | RED_12AWG | 1      | PHEONIX CONTACT | UNV00013971 | RED_12AWG | PD3  | PD         |        |
|            |      |           | 2      | PHEONIX CONTACT | UNV00013971 |           |      |            |        |
|            |      |           | 3      | PHEONIX CONTACT | UNV00013970 | BLK_12AWG | PD4  | PD         |        |
|            |      |           |        |                 |             | BLK_12AWG |      | PW2-102.30 |        |
|            |      |           | 4      | PHEONIX CONTACT | UNV00013970 |           |      |            |        |
| PW2-102.30 |      | BLK_12AWG | 5      | PHEONIX CONTACT | UNV00013971 |           |      |            |        |
| PW2-102.30 |      | WHT_12AWG | 6      | PHEONIX CONTACT | UNV00013970 |           |      |            |        |
| PW2-102.30 |      | GRN_12AWG | 7      | PHEONIX CONTACT | UNV00013989 |           |      |            |        |

|                                                                                                                                                                                |                                           |  |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--|---------------------------|
| <br><b>LARSON<br/>ELECTRONICS</b><br><small>9419 E US HWY 175,<br/>KEMP, TX 75143</small> | TITLE<br><b>SPL-1.8K-60AC-120V-TLR-M1</b> |  |                           |
|                                                                                                                                                                                | DRAWN BY<br><b>R.BLACK</b>                |  | DATE<br><b>11-15-2021</b> |
|                                                                                                                                                                                | CHECKED BY<br><b>K.NGUYEN</b>             |  | REV<br><b>A</b>           |
|                                                                                                                                                                                | SHEET #<br><b>4 OF 4</b>                  |  | DRAWING #<br><b>105</b>   |