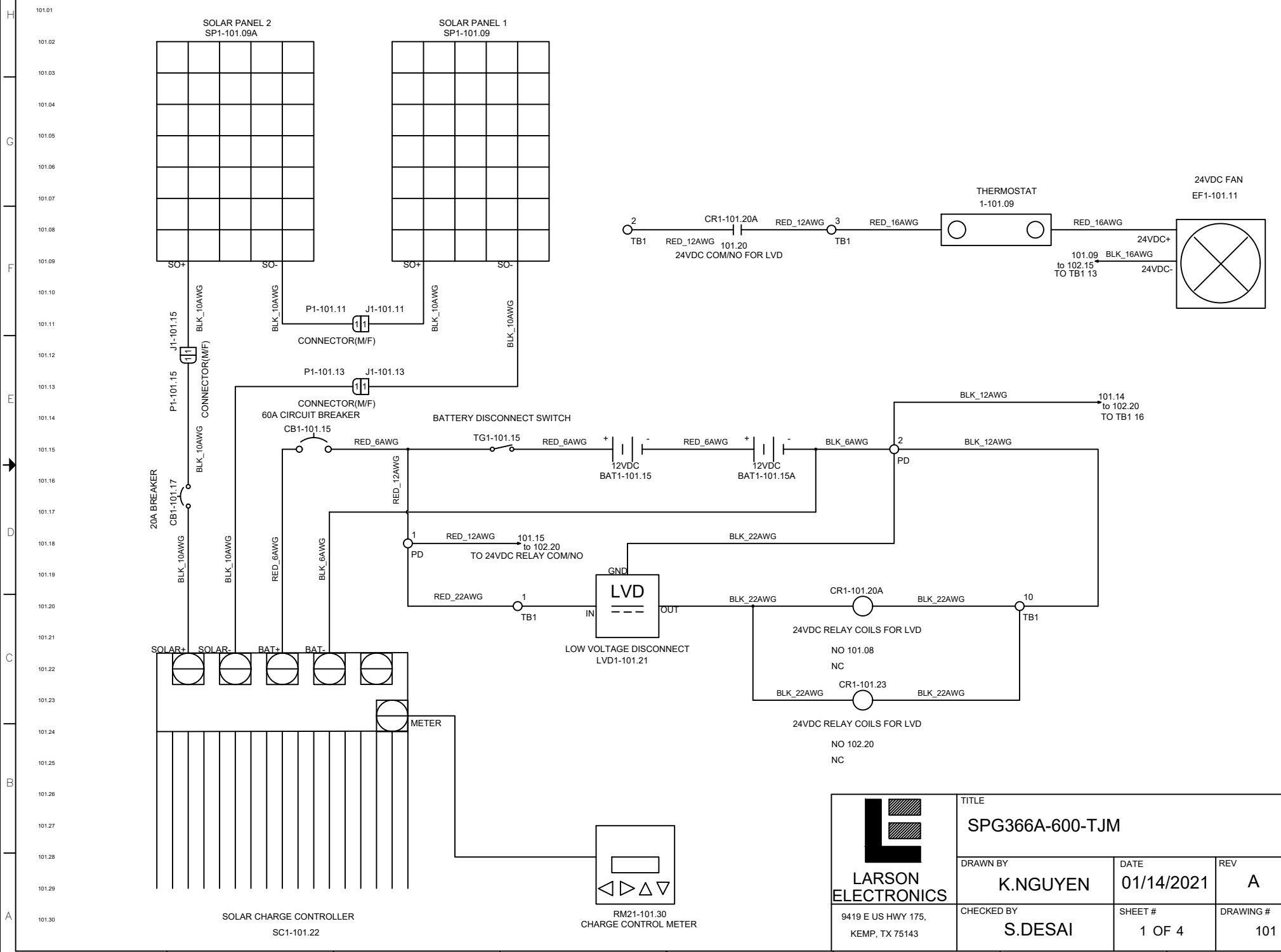
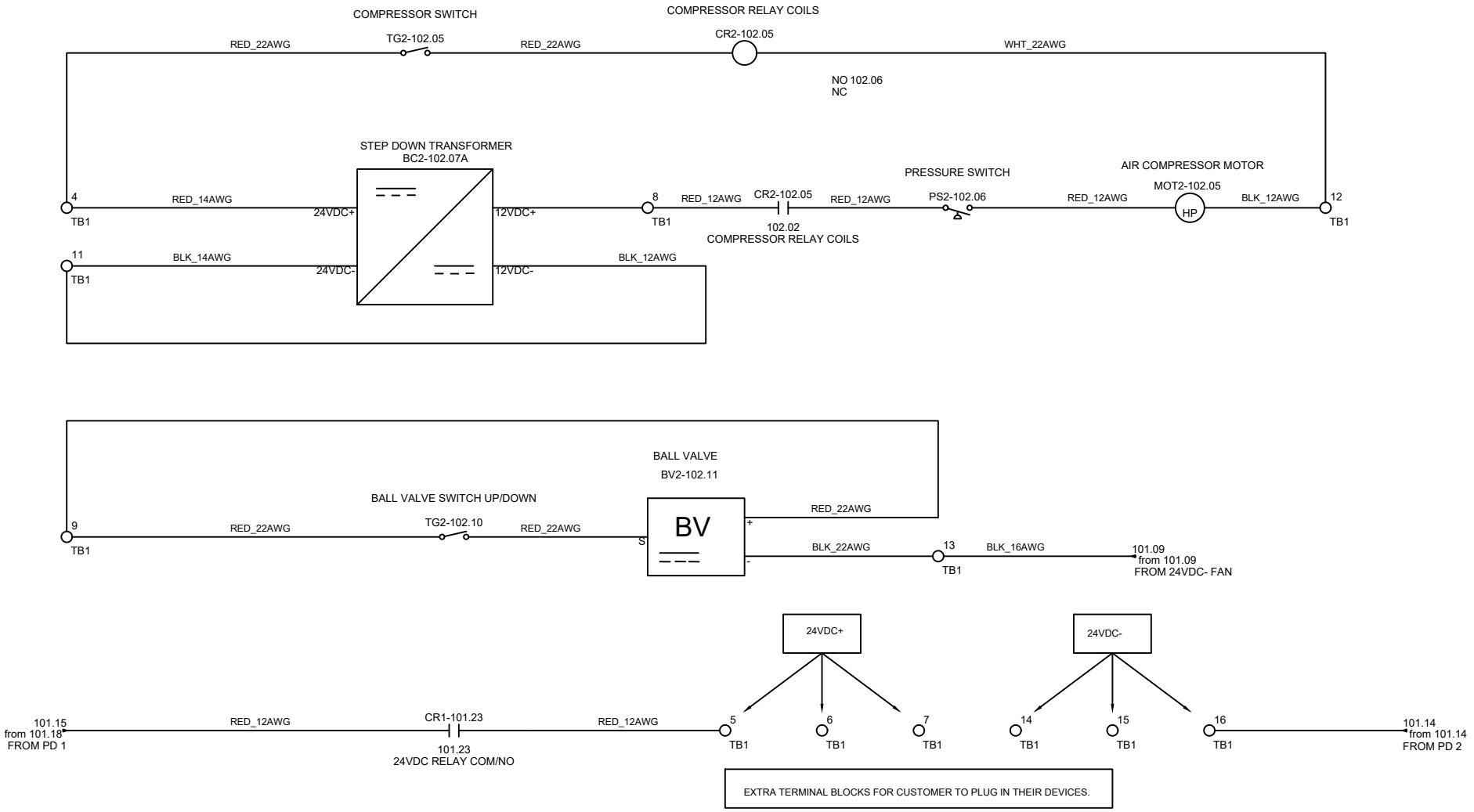
| REV | DESCRIPTION | DATE |
|---|---|---|
| A | PRODUCTION RELEASE | 01/14/2021 |

# SPG366A-600-TJM

LARSON ELECTRONICS®




| | | | |
|---|---|---|---|
| LARSON ELECTRONICS<br>9419 E US HWY 175,<br>KEMP, TX 75143 | TITLE<br>SPG366A-600-TJM | | |
| | DRAWN BY<br>K.NGUYEN | DATE<br>01/14/2021 | REV<br>A |
| | CHECKED BY<br>S.DESAI | SHEET #<br>1 OF 4 | DRAWING #<br>101 |




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|---|---|---|---|
| LARSON ELECTRONICS<br>9419 E US HWY 175,<br>KEMP, TX 75143 | TITLE: SPG366A-600-TJM | | |
| | DRAWN BY: K.NGUYEN | DATE: 01/14/2021 | REV: A |
| | CHECKED BY: S.DESAI | SHEET #: 2 OF 4 | DRAWING #: 102 |

| TB1 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Device1 | Pin1 | Wire1 | Type1 | T1 | Number | T2 | Manufacturer | Catalog | Type2 | Wire2 | Pin2 | Device2 | Jumper |
| PD | 1 | | RED_6AWG | | 1 | | PHOENIX CONTACT | UNV00013971 | RED_6AWG | | IN | LVD1-101.21 | |
| CR1-101.20A | | | RED_12AWG | | 2 | | PHOENIX CONTACT | UNV00013971 | | | | | |
| CR1-101.20A | | | RED_12AWG | | 3 | | PHOENIX CONTACT | UNV00013971 | RED_16AWG | | | 1-101.09 | |
| TG2-102.05 | | | RED_20AWG | | 4 | | PHOENIX CONTACT | UNV00013971 | RED_14AWG | | 24VDC+ | BC2-102.07A | |
| CR1-101.23 | | | RED_12AWG | | 5 | | PHOENIX CONTACT | UNV00013971 | | | | | |
| | | | | | 6 | | PHOENIX CONTACT | UNV00013971 | | | | | |
| | | | | | 7 | | PHOENIX CONTACT | UNV00013971 | | | | | |
| BC2-102.07A | 12VDC+ | | RED_12AWG | | 8 | | PHOENIX CONTACT | UNV00013971 | RED_12AWG | | | CR2-102.05 | |
| BV2-102.11 | + | | RED_20AWG | | 9 | | PHOENIX CONTACT | UNV00013971 | RED_20AWG | | | TG2-102.10 | |
| PD | 2 | | BLK_12AWG | | 10 | | PHOENIX CONTACT | UNV00013970 | BLK_20AWG | | | CR1-101.20A | |
| CR1-101.23 | | | BLK_20AWG | | | | | | | | | | |
| BC2-102.07A | 24VDC- | | BLK_14AWG | | 11 | | PHOENIX CONTACT | UNV00013970 | BLK_12AWG | | 12VDC- | BC2-102.07A | |
| CR2-102.05 | | | WHT_20AWG | | 12 | | PHOENIX CONTACT | UNV00013970 | BLK_14AWG | | | MOT2-102.05 | |
| EF1-101.11 | 24VDC- | | BLK_16AWG | | 13 | | PHOENIX CONTACT | UNV00013970 | BLK_20AWG | | - | BV2-102.11 | |
| | | | | | 14 | | PHOENIX CONTACT | UNV00013970 | | | | | |
| | | | | | 15 | | PHOENIX CONTACT | UNV00013970 | | | | | |
| PD | 2 | | BLK_16AWG | | 16 | | PHOENIX CONTACT | UNV00013970 | | | | | |

LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

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|---|---|---|---|
| TITLE: SPG366A-600-TJM | | | |
| DRAWN BY: K.NGUYEN | DATE: 01/14/2021 | REV: A | |
| CHECKED BY: S.DESAI | SHEET #: 3 OF 4 | DRAWING #: 103 | |

| TAGS | QTY | CATALOG | DESCRIPTION |
|---|---|---|---|
| BAT1-101.15<br>BAT1-101.15A | 2 | UNV00003191 | Mighty Max 4D battery - 12V sla - 200ah - 20hr discharge rate: 200ah - sealed lead acid - top post terminals |
| P1-101.11<br>P1-101.13<br>P1-101.15 | 3 | UNV00001349 | SOLAR CONNECTOR MALE |
| J1-101.11<br>J1-101.13<br>J1-101.15 | 3 | UNV00001350 | SOLAR CONNECTOR FEMALE |
| CB1-101.17 | 1 | UNV00001347 | CIRCUIT BREAKER, 20A 150VDC, 1-POLE, DIN MOUNT, |
| CB1-101.15 | 1 | UNV00001791 | 60AMP 12-48VDC BREAKER |
| CR2-102.05 | 1 | UNV00013278 | General Purpose Relays SPDT PNL MNT 24VDC |
| CR1-101.20A<br>CR1-101.23 | 2 | UNV00013952 | General Purpose Relays 24VDC FLNGMT DPST-NO RoHS Compliant |
| BC2-102.07A | 1 | UNV00015543 | DC TO DC STEP DOWN TRANSFORMER 24-12VDC |
| EF1-101.11 | 1 | 11224 | 24V ELECTRIC COOLING FAN |
| RM21-101.30 | 1 | UNV00001332 | CHARGE CONTROL REMOTE DIGITAL METER |
| SP1-101.09<br>SP1-101.09A | 2 | UNV00005453 | 300W SOLAR PANEL |
| SC1-101.22 | 1 | UNV00006003 | TRISTAR MPPT SOLAR CHARGE CONTROLLER 60 AMP UP TO 150 VOC INPUT, 12-48 VOLTS. 12V-800 WATTS 24V-1600 WATTS 48V-3200 WATTS 11.4'X5.1'X5.6 |
| 1-101.09 | 1 | UNV00009886 | THERMOSTAT |
| LVD1-101.21 | 1 | UNV00011964 | LOW VOLTAGE DISCONNECT 24V |
| MOT2-102.05 | 1 | UNV00009887 | 12VDC AIR COMPRESSOR |
| PS2-102.06 | 1 | UNV00016150 | PRESSURE SWITCH STANDARD, 10- 90PSI 3PST |
| TG2-102.05<br>TG2-102.10 | 2 | UNV00013983 | Selector switch, 22mm, 2-position, maintained, (1) N.O. contact(s), metal base, metal bezel, Operator: black, knob, 30mm, round, plastic. |
| TG1-101.15 | 1 | UNV00014267 | CONTROL SWITCH 300A 24VDC |
| PD | 2 | UNV00015084 | POWER DISTRIBUTION BLOCK 175A 600V |
| TB1 | 7 | UNV00013970 | 2 HOLE BLUE TB |
| TB1 | 9 | UNV00013971 | 2 HOLE GREY TB |
| TB1 | 5 | UNV00013976 | ORANGE JUMPER |
| BV2-102.11 | 1 | UNV00014871 | 1/2" Brass 3 Way Electric Ball Valve |

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| DRAWN BY | DATE | REV |
|---|---|---|
| K.NGUYEN | 01/14/2021 | A |
| CHECKED BY | SHEET # | DRAWING # |
| S.DESAI | 4 OF 4 | 104 |