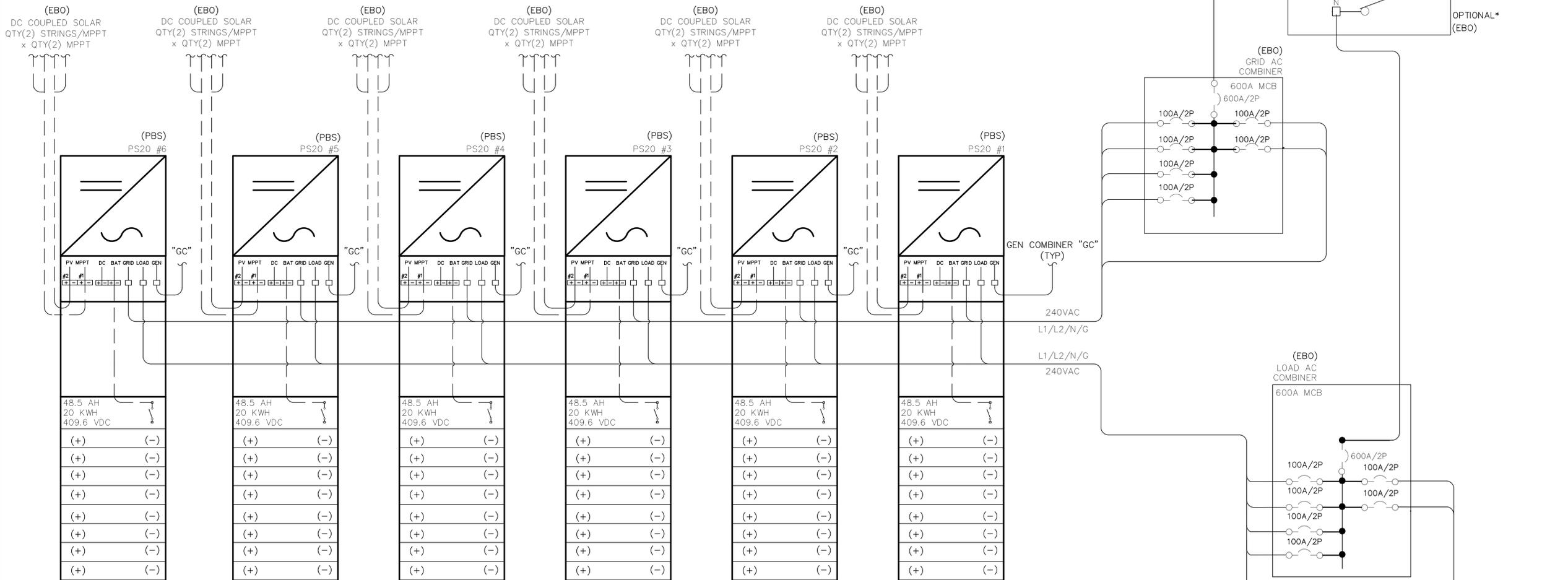




600A POWER STORAGE 20 SYSTEM NOTES

1. 120KWH RATED ENERGY STORAGE
2. OFFGRID CONTINUOUS: 75KW / 312.5A
3. QTY (12) 8.5KW / 26A RATED PEAK DC COUPLED PV MPPT CHANNELS. 6.25KW MAX PV/MPPT POWER PER CHANNEL.
4. QTY (6) 12.5KW AC COUPLED PV INPUT AT GEN TERMINAL MAXIMUM AC+DC COUPLED SOLAR COMBINATION: 12.5KW / BATTERY STACK
5. 144KW / 600A GRID PASS THROUGH
7. CHARGE RATE: 6.5KW / INVERTER
8. DISCHARGE RATE: 12.5KW / INVERTER

| LEGEND & ABBREVIATIONS |   | KEYNOTE DRAWING NOTES |  |
|------------------------|---|-----------------------|--|
| (PBS)                  | PROVIDED BY SAVANT POWER, INSTALLED BY OTHERS | ①                     | "GENERATOR TO GRID" SYSTEMS REQUIRE A SAVANT CONTROLLER (DIRECTOR OR PRO HOST). THE GPIO PORT ON THE CONTROLLER SHALL BE CONNECTED TO THE AUXILIARY POSITIONAL CONTACTS ON THE GENERATOR ATS. THIS TELLS THE SAVANT SYSTEM THE POSITIONAL STATUS OF THE GEN ATS (NORMAL VS EMERGENCY). |
| (EBO)                  | EQUIPMENT FURNISHED AND INSTALLED BY OTHERS   |                       | QTY (1) PS20 GRID TERMINAL INPUT IS RATED UP TO 24KW PER INVERTER FOR UTILITY OR GENERATOR PASS-THROUGH. GENERATOR POWER SHALL NOT BE LESS THAN THE POWER OF THE POTENTIAL HOUSE LOAD, PLUS THE SUM OF THE CHARGING POWER FOR ALL BATTERY STACKS.                                      |
| (XM)                   | EQUIPMENT EXISTING TO REMAIN                  |                       | CONSIDER USING A POLARIS TAP WITHIN THE ATS/MTS TO TAP THE INCOMING FEED. IF NO SPACE WITHIN THE ATS/MTS IS AVAILABLE, AN EXTERNAL JUNCTION BOX MAY BE USED.   |
| SPD                    | SURGE PROTECTION DEVICE                       | ②                     |  |
| TYP                    | TYPICAL THROUGHOUT DRAWING                    | ③                     |  |
| AF                     | SWITCH DISCONNECT FUSE RATING                 |                       |  |



PS20\_GEN TO GRID\_12\_10\_2025\_V00\_R00.DWG

| INTER-DISCIPLINE REVIEW |      |       |       |     |      |        | REVISIONS |            |            |      | DESIGN |      |     | SAVANT POWER |                 | JOB NUMBER                      |  | REV            |  |
|-------------------------|------|-------|-------|-----|------|--------|-----------|------------|------------|------|--------|------|-----|--------------|-----------------|---------------------------------|--|----------------|--|
| DISC                    | ARCH | CIVIL | ELECT | I&C | MECH | STRUCT | REV       | DATE       | DRN        | DSGN | CKD    | APPD | DRN | MAW          | 12-10-2025      | RESIDENTIAL MICROGRID           |  | DRAWING NUMBER |  |
|                         |      |       |       |     |      |        | 00        | VERSION 00 | 12-10-2025 | MAW  |        |      |     |              | SCALE: AS NOTED | 600A: 75KW - 120KWH ESS         |  | 009-2585-00    |  |
|                         |      |       |       |     |      |        |           |            |            |      |        |      |     |              |                 | PS20 ONELINE DIAGRAM (120/240V) |  |                |  |

CERTIFICATE OF REGISTRATION NO. X-0000

