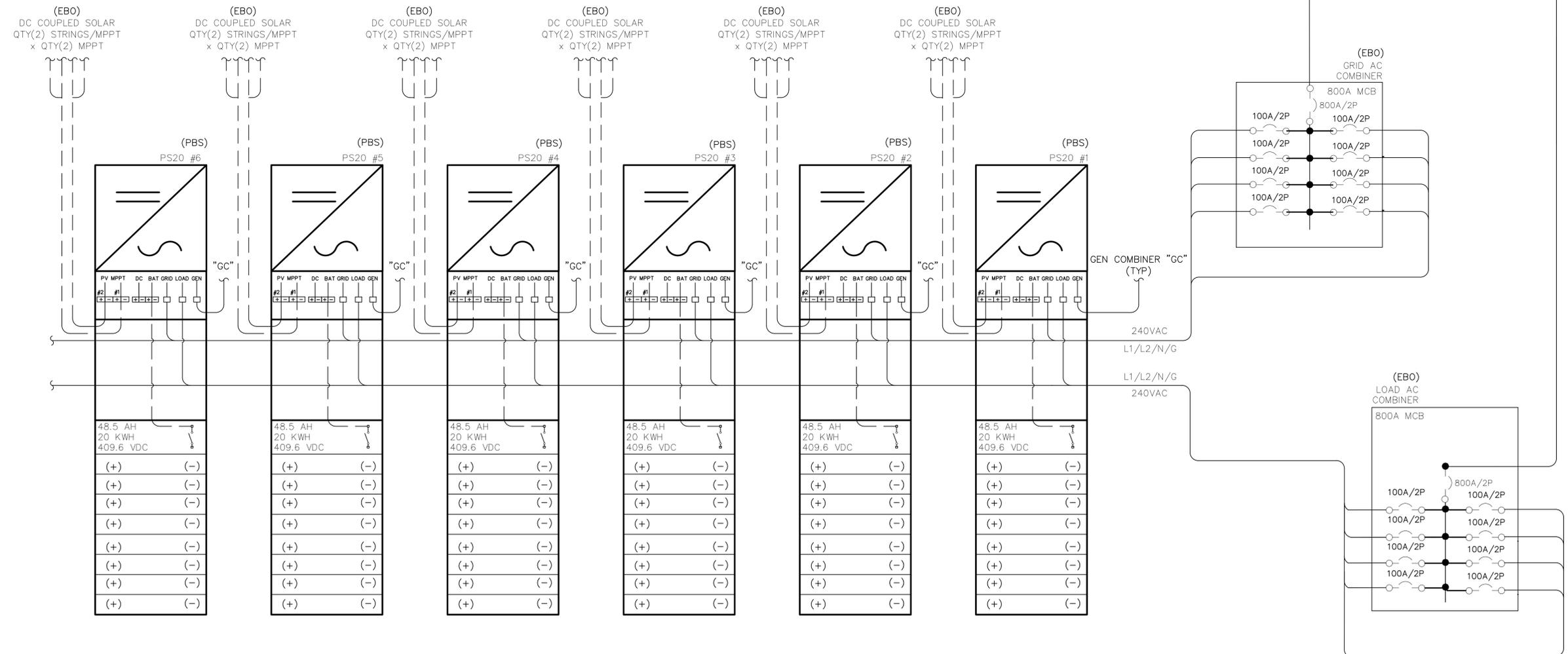


LEGEND & ABBREVIATIONS	
(PBS)	PROVIDED BY SAVANT POWER, INSTALLED BY OTHERS
(EBO)	EQUIPMENT FURNISHED AND INSTALLED BY OTHERS
(XM)	EQUIPMENT EXISTING TO REMAIN
SPD	SURGE PROTECTION DEVICE
TYP	TYPICAL THROUGHOUT DRAWING
AF	SWITCH DISCONNECT FUSE RATING

800A POWER STORAGE 20 SYSTEM NOTES

- 160KWH RATED ENERGY STORAGE
- OFFGRID CONTINUOUS: 100KW / 416.67A
- QTY (16) 8.5KW / 26A RATED PEAK DC COUPLED PV MPPT CHANNELS. 6.25KW MAX PV/MPPT POWER PER CHANNEL.
- QTY (8) 24KW GEN INPUTS OR UP TO (8) 12.5KW AC COUPLED PV INPUTS
- MAXIMUM AC+DC COUPLED SOLAR COMBINATION: 12.5KW / BATTERY STACK
- 192KW / 800A GRID PASS THROUGH
- CHARGE RATE: 6.5KW / INVERTER
- DISCHARGE RATE: 12.5KW / INVERTER



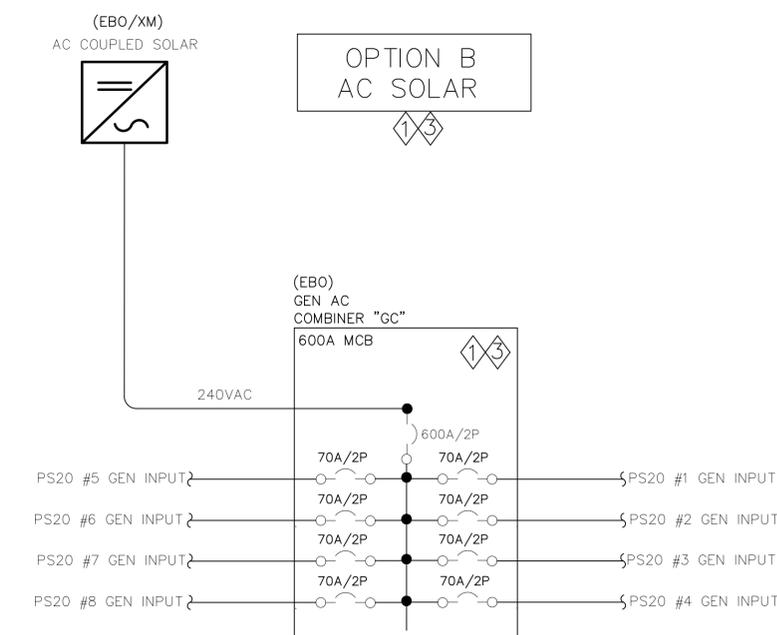
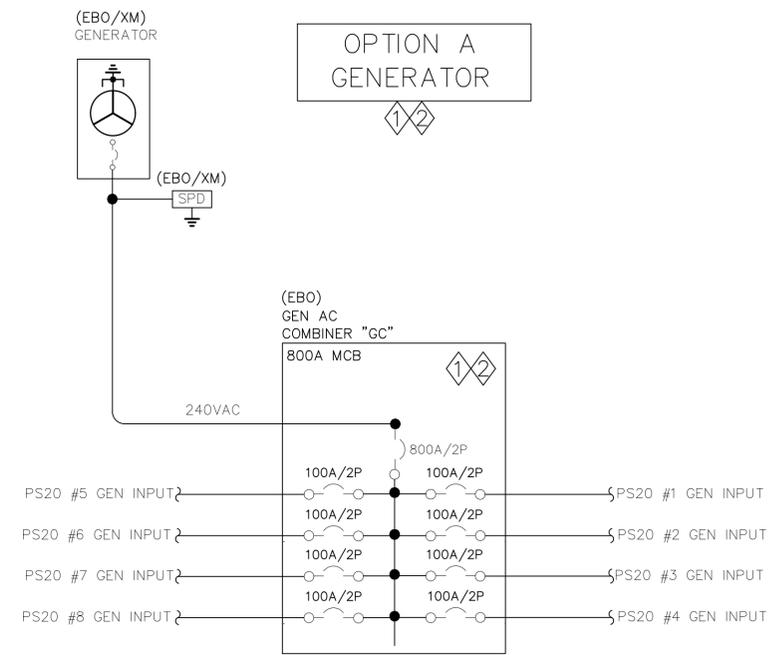
PS20_GEN TO GEN_12_10_2025_V00_R00.DWG

INTER-DISCIPLINE REVIEW							DSGN	MAW	12-10-2025	SAVANT POWER	JOB NUMBER	REV	
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT	DRN	JP	RESIDENTIAL MICROGRID		-	00	
DATE	*	*	*	*	*	*	00	VERSION 00	12-10-2025	MAW	DRAWING NUMBER		
INIT	*	*	*	*	*	*	REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
SCALE: AS NOTED										CERTIFICATE OF REGISTRATION NO. X-0000			
										800A: 100KW - 160KWH ESS PS20 ONELINE DIAGRAM (120/240V)			
										009-2559-00			

800A POWER STORAGE 20 SYSTEM NOTES

- 160KWH RATED ENERGY STORAGE
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- DISCHARGE RATE: 12.5KW / INVERTER

GEN TERMINAL SOURCE OPTIONS



LEGEND & ABBREVIATIONS

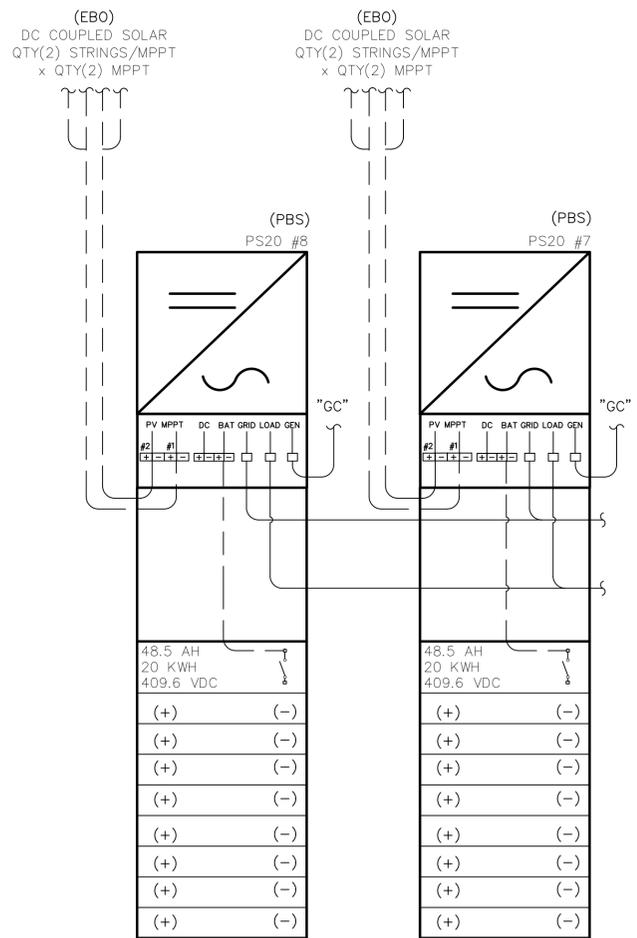
(PBS)	PROVIDED BY SAVANT POWER, INSTALLED BY OTHERS
(EBO)	EQUIPMENT FURNISHED AND INSTALLED BY OTHERS
(XM)	EQUIPMENT EXISTING TO REMAIN
SPD	SURGE PROTECTION DEVICE
TYP	TYPICAL THROUGHOUT DRAWING
AF	SWITCH DISCONNECT FUSE RATING

KEYNOTE DRAWING NOTES

① OCPD SIZING ON THIS CONCEPT DRAWING SHOWS THE MAXIMUM ALLOWABLE SIZE FOR THIS PS20 CONFIGURATION. ENGINEER OF RECORD TO SIZE OCPD AND CABLE SIZES ACCORDING TO SITE CONDITIONS AND LATEST NEC CODE. SEE GENERAL NOTES SHEET FOR ADDITIONAL DESIGN GUIDANCE.

② QTY (1) PS20 GEN TERMINAL INPUT IS RATED UP TO 24KW PER INVERTER FOR 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.

③ QTY (1) PS20 GEN TERMINAL INPUT IS RATED UP TO 12.5KW AC SOLAR PER BATTERY STACK. OFF GRID FREQUENCY SHIFTING IS AN INCLUDED FUNCTION ON THE GEN TERMINAL TO TURN AC SOLAR FEEDS ON OR OFF.



PS20_GEN_TO_GEN_12_10_2025_V00_R00.DWG

INTER-DISCIPLINE REVIEW							DSGN	MAW	12-10-2025
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT	DRN	JP	SCALE: AS NOTED
DATE	*	*	*	*	*	*	CKD		
INIT	*	*	*	*	*	*	APPD		
REV	00	VERSION 00	12-10-2025	MAW					
		REVISIONS	DATE	DRN	DSGN	CKD	APPD		

SAVANT POWER		JOB NUMBER	REV
RESIDENTIAL MICROGRID			00
800A: 100KW - 160KWH ESS PS20 ONELINE DIAGRAM (120/240V)		DRAWING NUMBER	009-2560-00
CERTIFICATE OF REGISTRATION NO. X-0000			