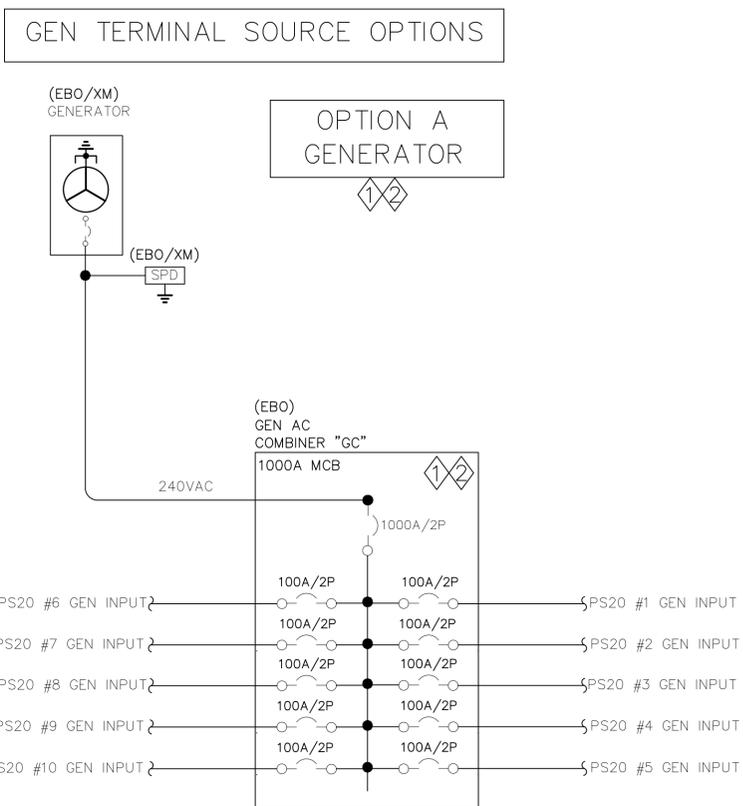
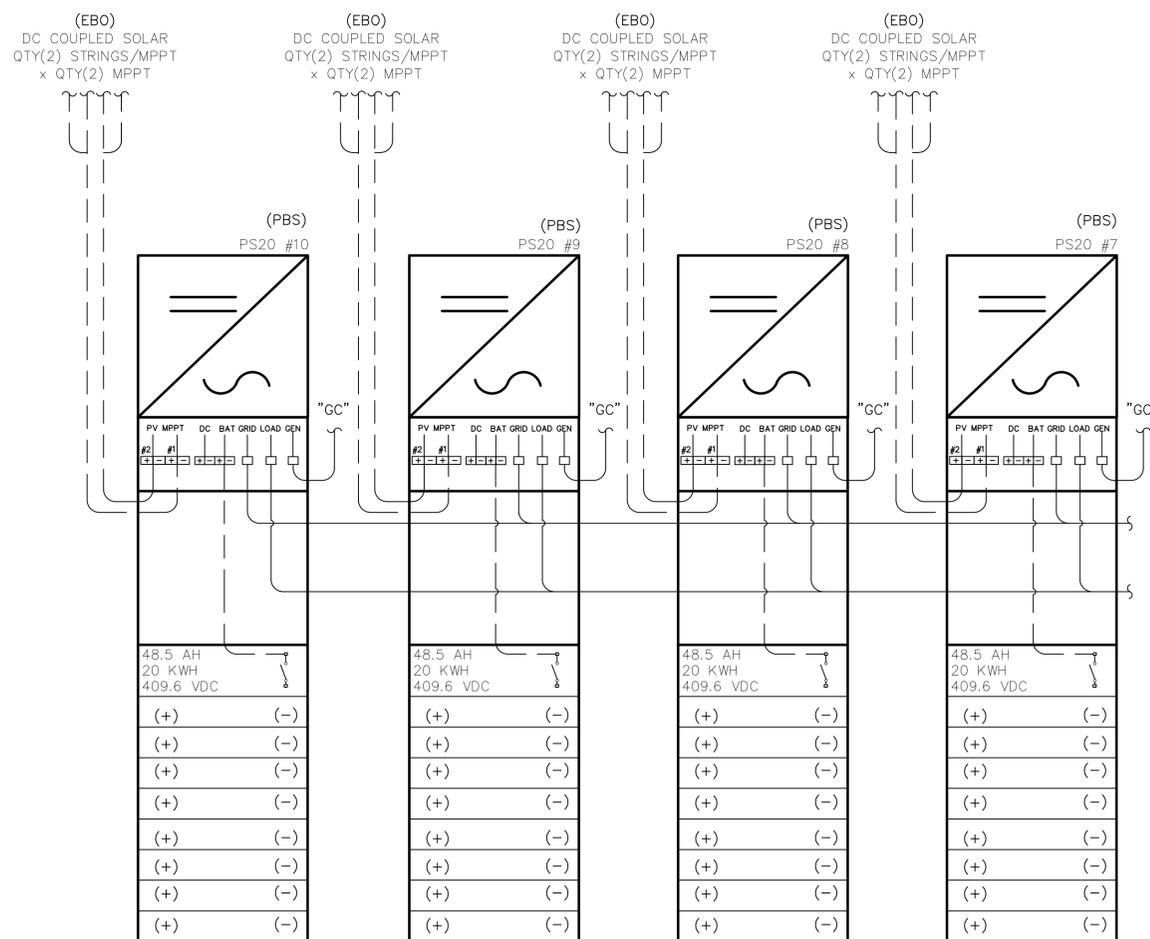


1000A POWER STORAGE 20 SYSTEM NOTES

- 200KWH RATED ENERGY STORAGE
- OFFGRID CONTINUOUS: 125KW / 520.83A
- QTY (20) 8.5KW / 26A RATED PEAK DC COUPLED PV MPPT CHANNELS. 6.25KW MAX PV/MPPT POWER PER CHANNEL.
- QTY (10) 24KW GEN INPUTS OR UP TO (10) 12.5KW AC COUPLED PV INPUTS
- MAXIMUM AC+DC COUPLED SOLAR COMBINATION: 12.5KW / BATTERY STACK
- 240KW / 1000A GRID PASS THROUGH
- CHARGE RATE: 6.5KW / INVERTER
- DISCHARGE RATE: 12.5KW / INVERTER



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



PS20_GEN_TO_GEN_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		00
DATE	*	*	*	*	*	*	00	VERSION 00	12-10-2025	MAW			SCALE:	AS NOTED		1000A: 125KW - 200KWH ESS		009-2530-00
INIT	*	*	*	*	*	*	REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD	CERTIFICATE OF REGISTRATION NO. X-0000		PS20 ONELINE DIAGRAM (120/240V)		00