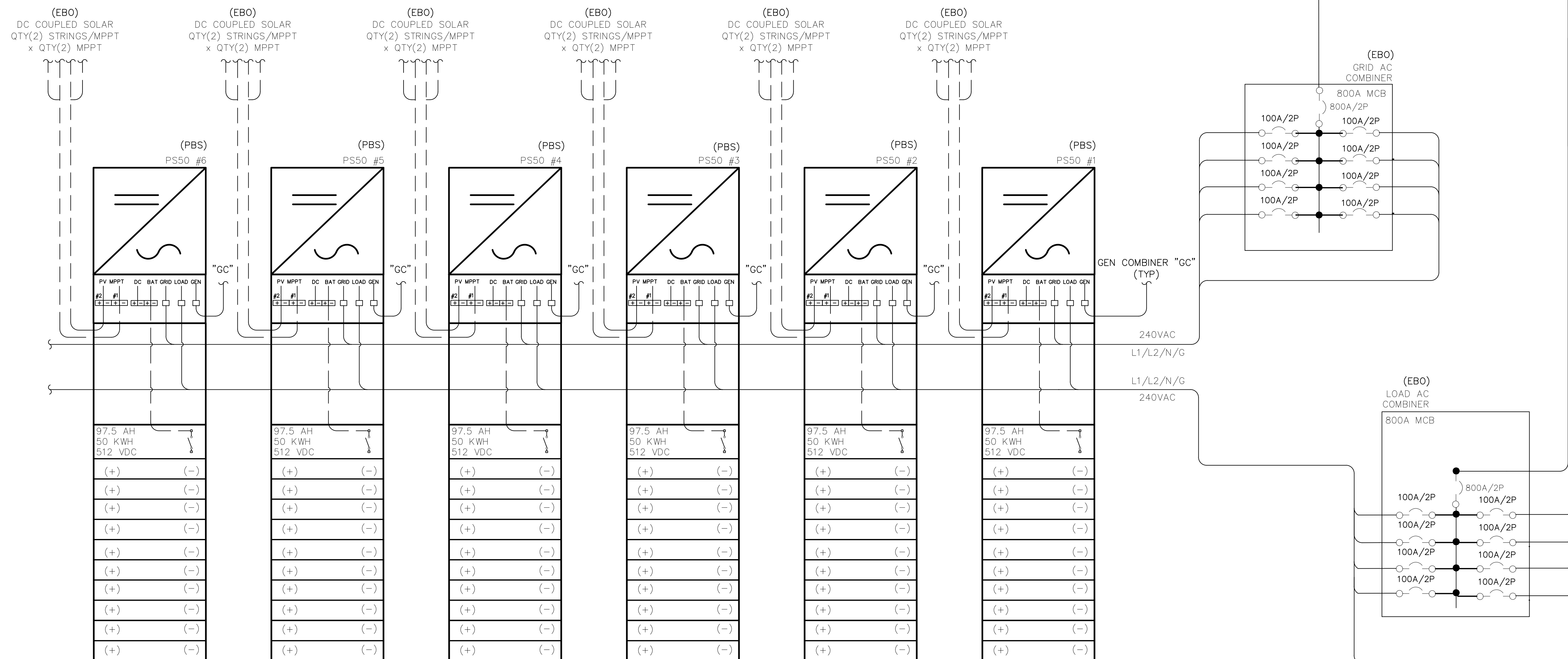


LEGEND & ABBREVIATIONS

(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

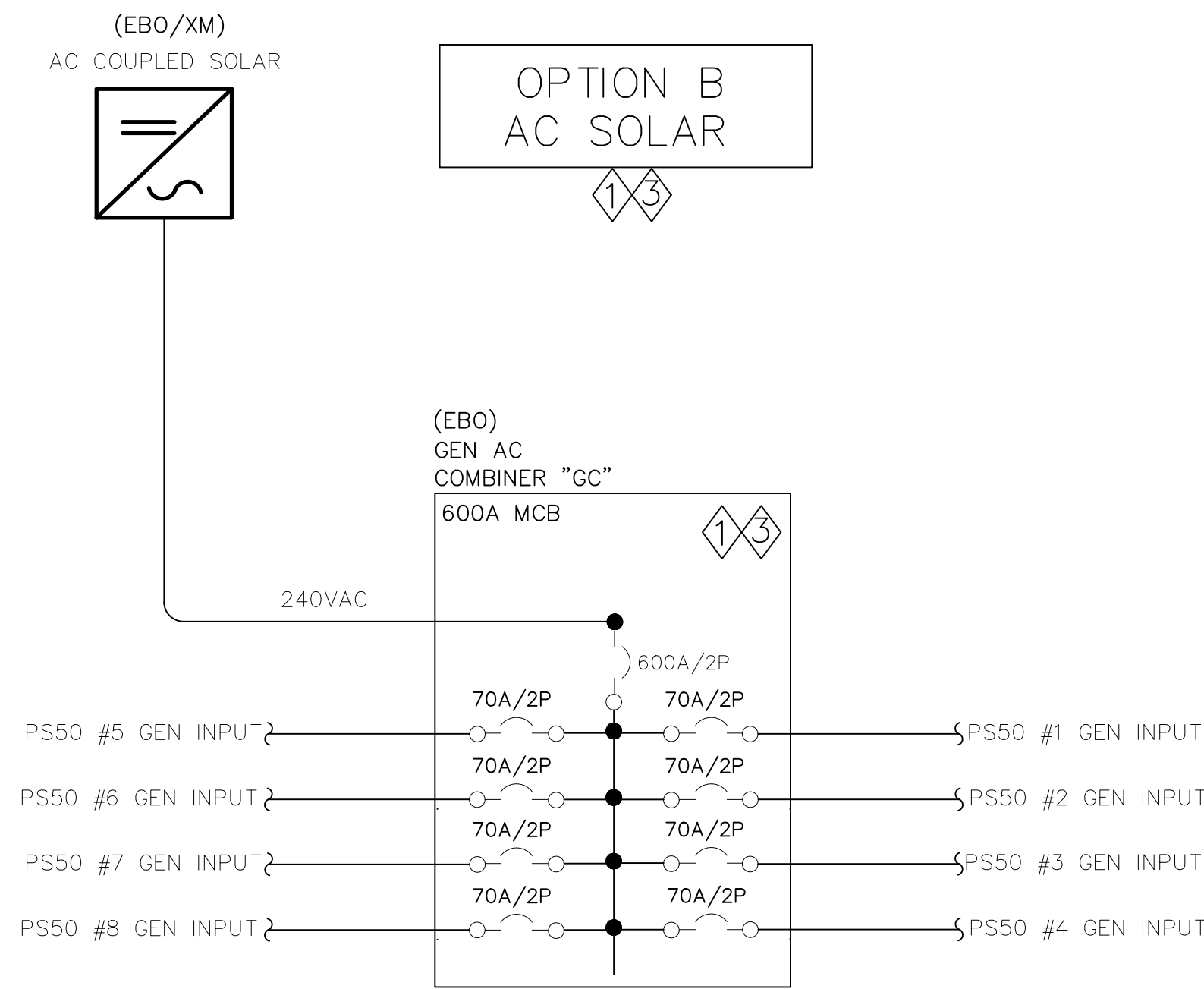
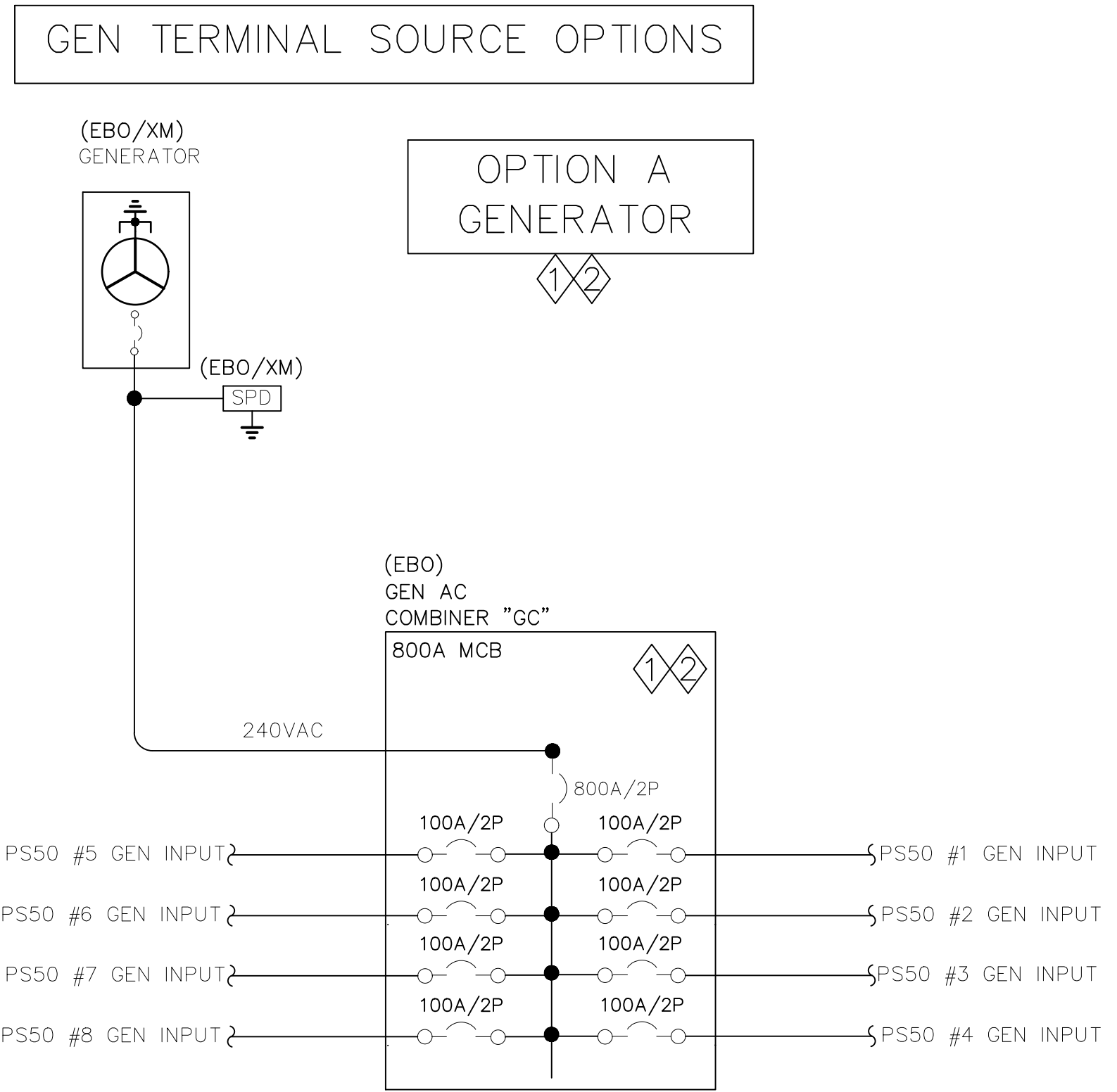


800A POWER STORAGE 50 SYSTEM NOTES

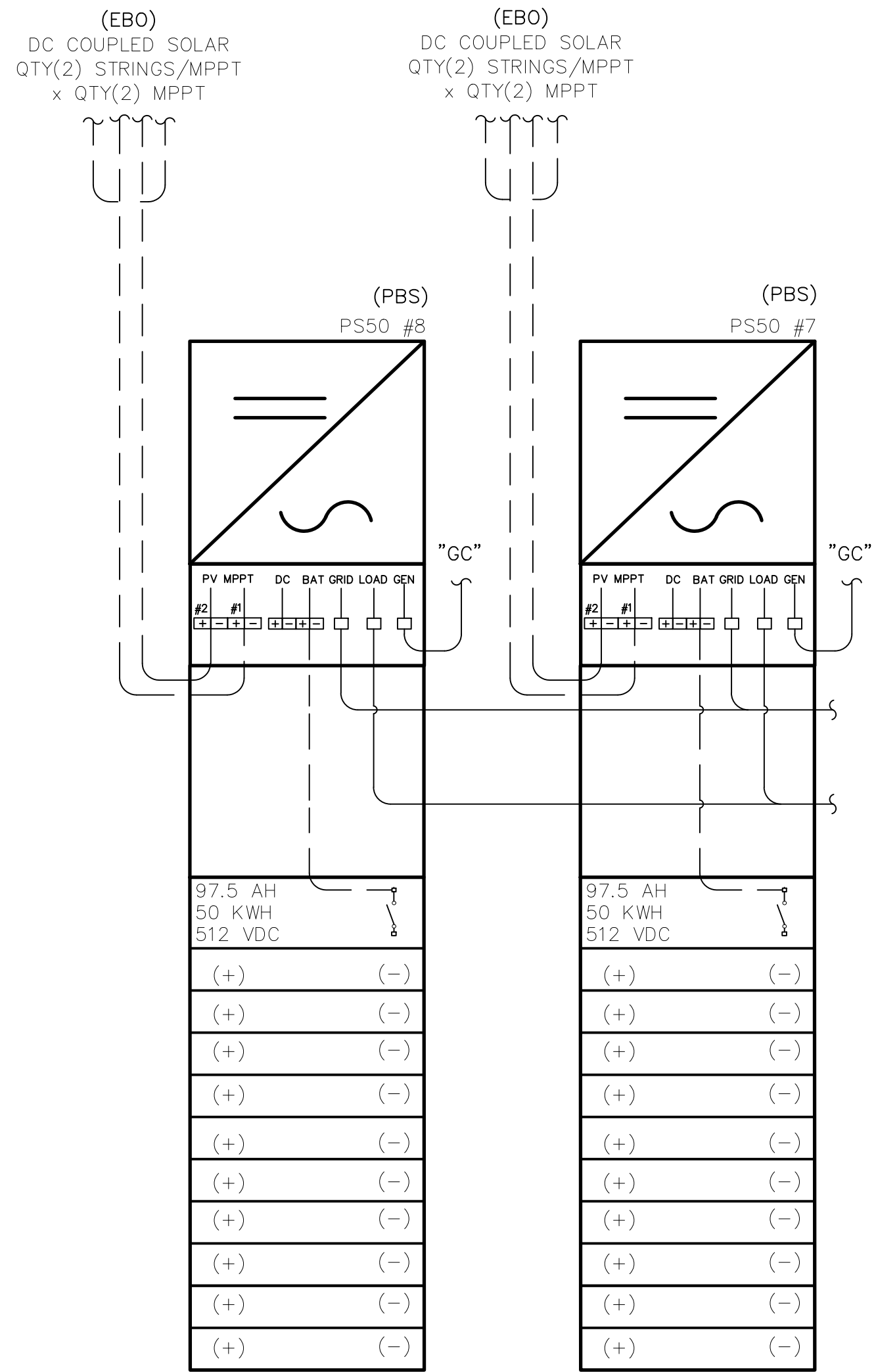
1. 400KWH RATED ENERGY STORAGE
2. OFFGRID CONTINUOUS: 100KW / 416.67A
3. QTY (16) 8.5KW / 26A RATED PEAK DC COUPLED PV MPPT CHANNELS. 6.25KW MAX PV/MPPT POWER PER CHANNEL.
4. QTY (8) 24KW GEN INPUTS OR UP TO (8) 12.5KW AC COUPLED PV INPUTS
5. MAXIMUM AC+DC COUPLED SOLAR COMBINATION: 12.5KW / BATTERY STACK
6. 192KW / 800A GRID PASS THROUGH
7. CHARGE RATE: 6.5KW / INVERTER
8. DISCHARGE RATE: 12.5KW / INVERTER

INTER-DISCIPLINE REVIEW																DSGN			- - - CERTIFICATE OF REGISTRATION NO. X-0000	SAVANT POWER	JOB NUMBER	REV	
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT										DRN	MAW	12-10-2025			- - - CERTIFICATE OF REGISTRATION NO. X-0000	-	00
DATE	*	*	*	*	*	*										CKD	JP						
INIT	*	*	*	*	*	*	00	VERSION 00			12-10-2025	MAW				SCALE: AS NOTED						DRAWING NUMBER	
							REV	REVISIONS			DATE	DRN	DSGN	CKD	APPD					800A: 100KW - 400KWH ESS PS50 ONLINE DIAGRAM (120/240V)	009-2633-00		

PS50_GEN TO GEN_12_10_2025_V00_R00.DWG



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 PS50 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. QTY (1) PS50 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. QTY (1) PS50 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.
(EBO)	EQUIPMENT FURNISHED AND INSTALLED BY OTHERS	2	
(XM)	EQUIPMENT EXISTING TO REMAIN	3	
SPD	SURGE PROTECTION DEVICE		
TYP	TYPICAL THROUGHOUT DRAWING		
AF	SWITCH DISCONNECT FUSE RATING		



800A POWER STORAGE 50 SYSTEM NOTES

- 400KWH 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

INTER-DISCIPLINE REVIEW												DSGN					SAVANT POWER	JOB NUMBER	REV
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT						DRN	MAW	12-10-2025				-	00
DATE	*	*	*	*	*	*						CKD	JP						
INIT	*	*	*	*	*	*	00	VERSION 00	12-10-2025	MAW								DRAWING NUMBER	
REV	REVISIONS								DATE	DRN	DSGN	CKD	APPD	SCALE: AS NOTED			CERTIFICATE OF REGISTRATION NO. X-0000	800A: 100KW - 400KWH ESS PS50 ONLINE DIAGRAM (120/240V)	009-2634-00