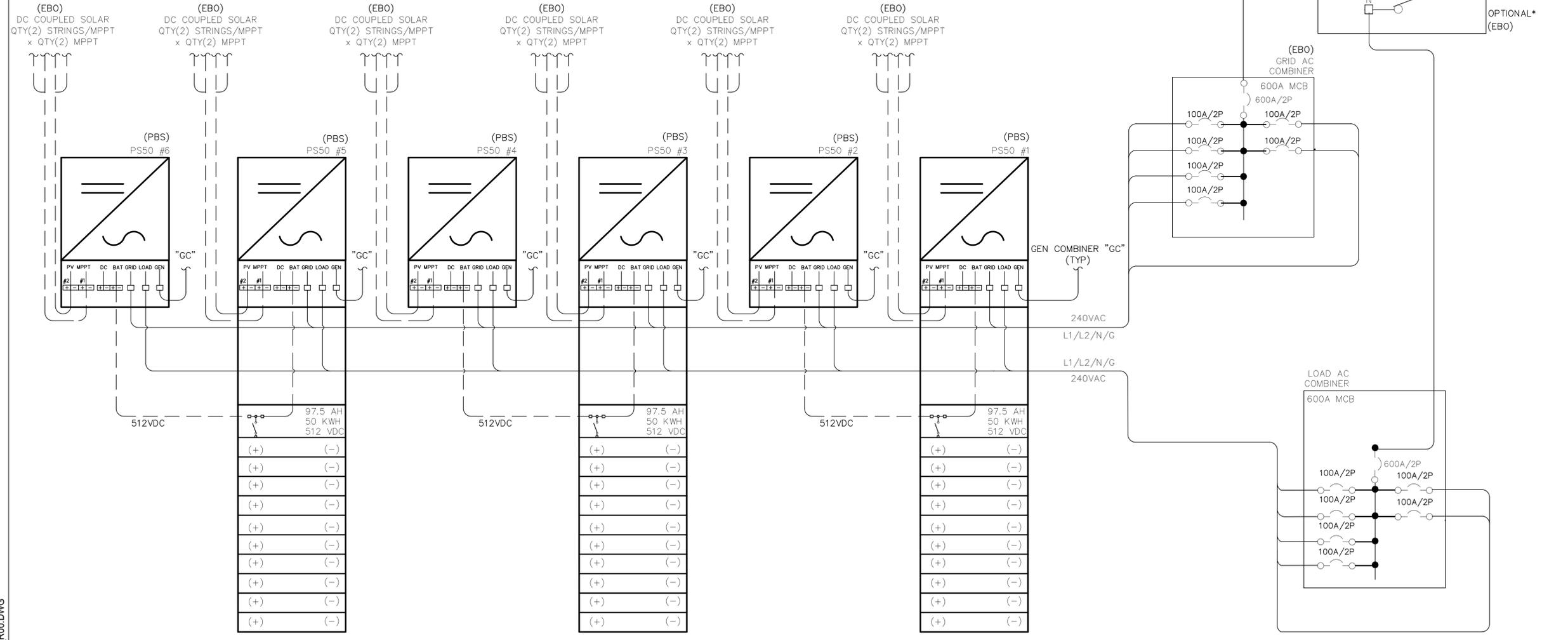


600A POWER STORAGE 50 SYSTEM NOTES

1. 150KWH 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 / INVERTER
5. 144KW / 600A GRID PASS THROUGH
7. CHARGE RATE: 6.5KW / INVERTER
13KW / BATTERY STACK
8. DISCHARGE RATE: 12.5KW / INVERTER
25KW / BATTERY STACK

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		2	QTY (1) PS50 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			3
SPD	SURGE PROTECTION DEVICE			
TYP	TYPICAL THROUGHOUT DRAWING			
AF	SWITCH DISCONNECT FUSE RATING			



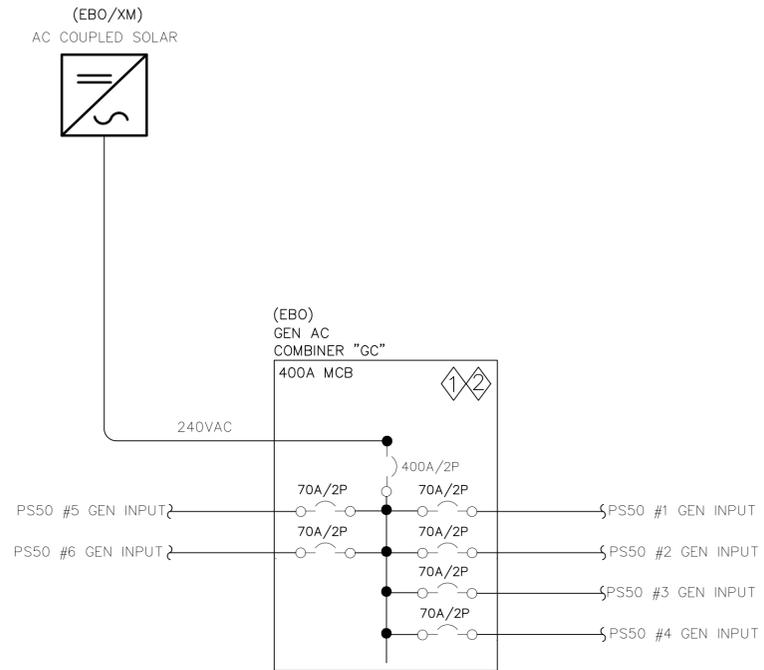
PS50_GEN TO GRID_12_10_2025_V00_R00.DWG

INTER-DISCIPLINE REVIEW							REVISIONS				DESIGN			SAVANT POWER		JOB NUMBER		REV	
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT	REV	VERSION	DATE	DRN	DSGN	CKD	APPD	DRN	MAW	DATE	JOB NUMBER	REV	
							00	VERSION 00	12-10-2025	MAW				DRN	MAW	12-10-2025			
DATE	*	*	*	*	*	*								CKD	JP				
INIT	*	*	*	*	*	*													
														SCALE: AS NOTED		DRAWING NUMBER		009-2664-00	
														CERTIFICATE OF REGISTRATION NO. X-0000		SAVANT POWER		RESIDENTIAL MICROGRID	
																600A: 75KW - 150KWH ESS		PS50 ONELINE DIAGRAM (120/240V)	

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

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PS50_GEN TO GRID_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	*	*	*	*	*	*	SCALE:	AS NOTED			DRAWING NUMBER		
INIT	*	*	*	*	*	*	00	VERSION 00	12-10-2025	MAW			
REV	REVISIONS						DATE	DRN	DSGN	CKD	APPD		009-2665-00

CERTIFICATE OF REGISTRATION NO. X-0000