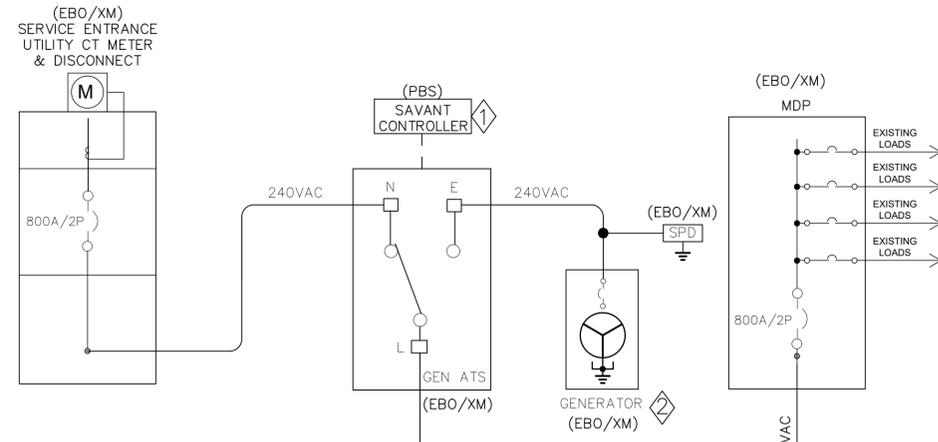
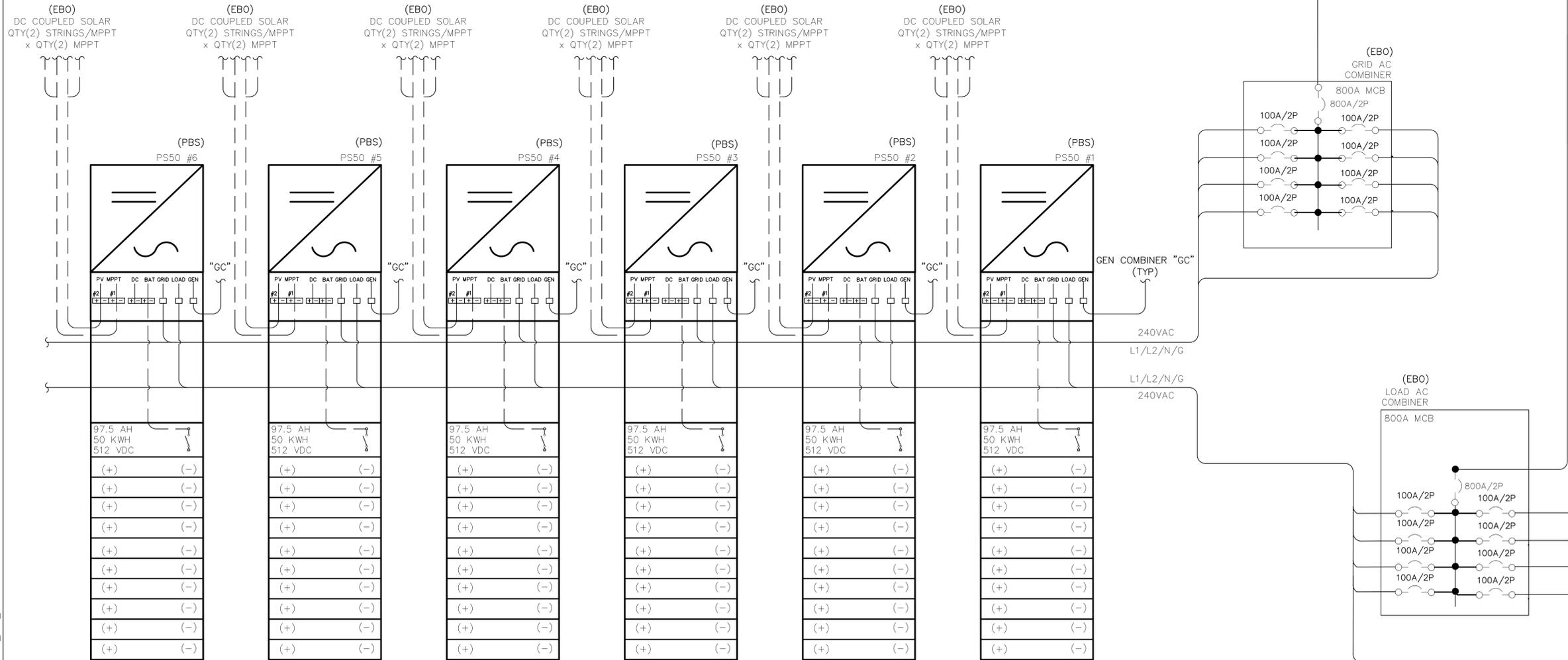


LEGEND & ABBREVIATIONS		KEYNOTE DRAWING NOTES	
(PBS)	PROVIDED BY SAVANT POWER, INSTALLED BY OTHERS	①	"GENERATOR TO GRID" SYSTEMS REQUIRE A SAVANT CONTROLLER (DIRECTOR OR PRO HOST). THE GPIO PORT ON THE CONTROLLER SHALL BE CONNECTED TO THE AUXILIARY POSITIONAL CONTACTS ON THE GENERATOR ATS. THIS TELLS THE SAVANT SYSTEM THE POSITIONAL STATUS OF THE GEN ATS (NORMAL VS EMERGENCY).
(EBO)	EQUIPMENT FURNISHED AND INSTALLED BY OTHERS		②
(XM)	EQUIPMENT EXISTING TO REMAIN		
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) 12.5KW AC COUPLED PV INPUT AT GEN TERMINAL
- 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



PS50_GEN TO GRID_12_10_2025_V00_R00.DWG

INTER-DISCIPLINE REVIEW														DSGN			SAVANT POWER		JOB NUMBER	REV	
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT									DRN	MAW	12-10-2025	RESIDENTIAL MICROGRID			00
DATE	*	*	*	*	*	*									CKD	JP		DRAWING NUMBER			
INIT	*	*	*	*	*	*	00	VERSION 00	12-10-2025	MAW					SCALE: AS NOTED		800A: 100KW - 400KWH ESS PS50 ONLINE DIAGRAM (120/240V)		009-2670-00		
							REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD			CERTIFICATE OF REGISTRATION NO. X-0000					

