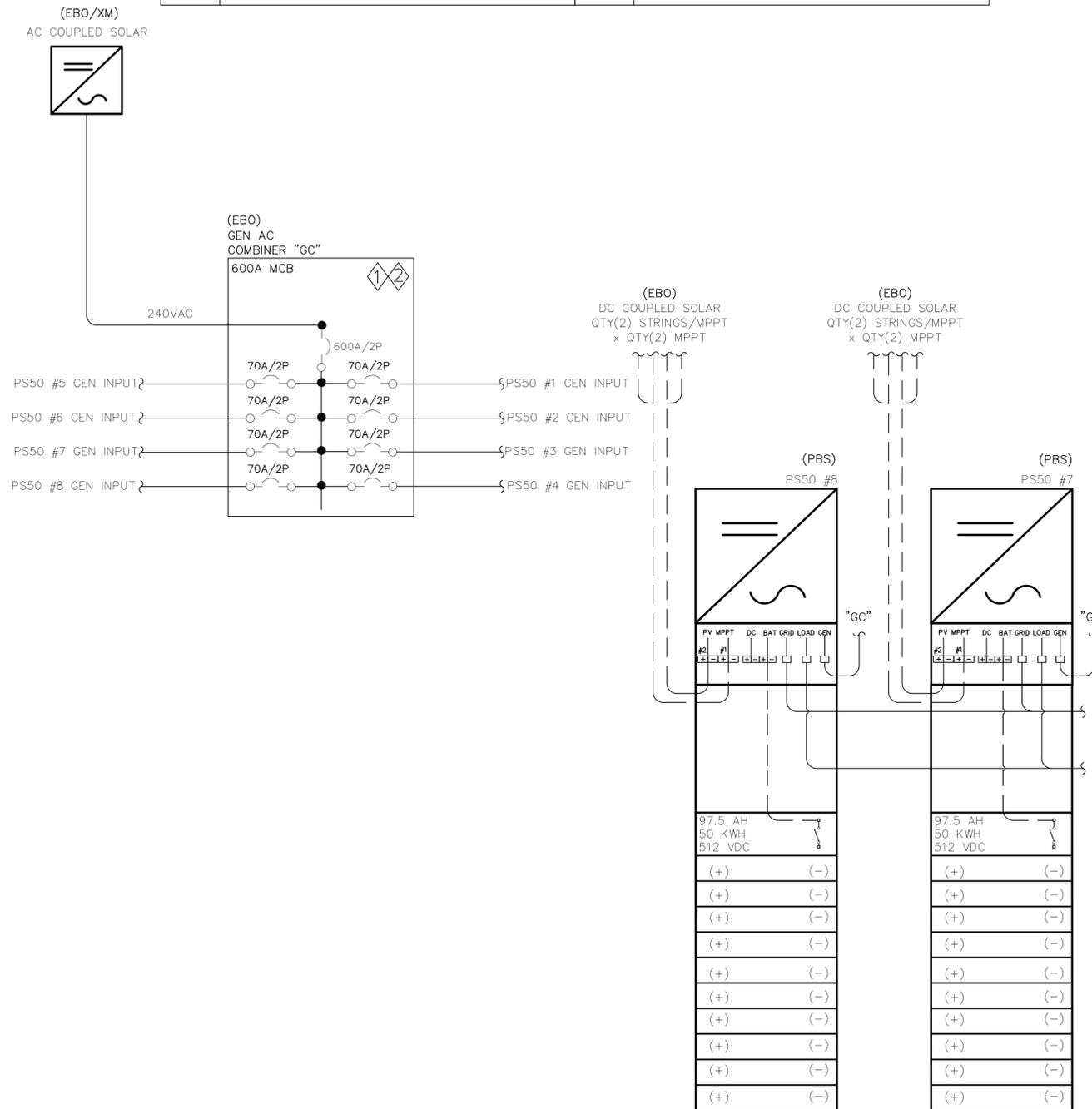


800A POWER STORAGE 50 SYSTEM NOTES

- 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

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		
(XM)	EQUIPMENT EXISTING TO REMAIN	②	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.
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														DSGN	MAW	12-10-2025	SAVANT POWER		JOB NUMBER	REV
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT											RESIDENTIAL MICROGRID		-	00
DATE	*	*	*	*	*	*														
INIT	*	*	*	*	*	*	00	VERSION 00	12-10-2025	MAW										
							REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD	SCALE: AS NOTED			CERTIFICATE OF REGISTRATION NO. X-0000		DRAWING NUMBER	
																	800A: 100KW - 400KWH ESS PS50 ONELINE DIAGRAM (120/240V)		009-2669-00	