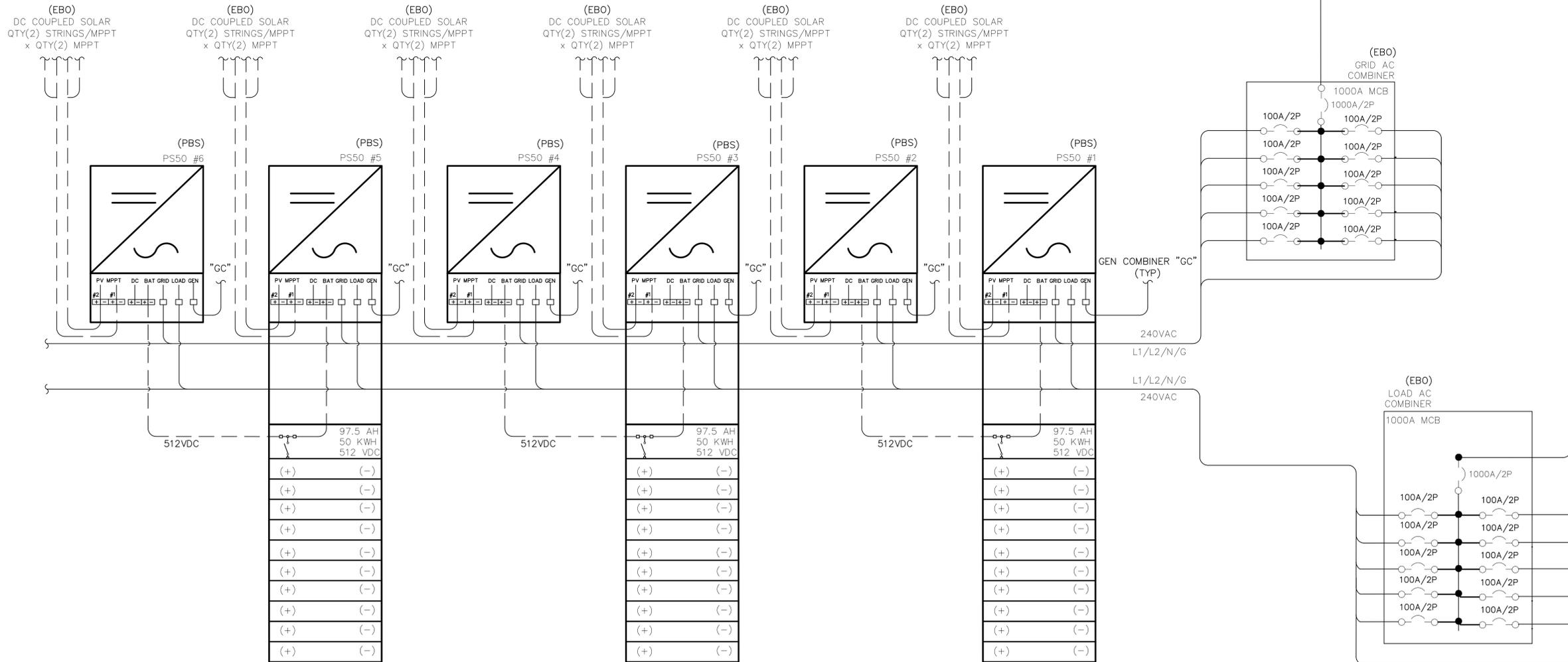




LEGEND & ABBREVIATIONS	
(PBS)	PROVIDED BY SAVANT POWER, INSTALLED BY OTHERS
(EBO)	EQUIPMENT FURNISHED AND INSTALLED BY OTHERS
(XM)	EQUIPMENT EXISTING TO REMAIN
SPD	SURGE PROTECTION DEVICE
TYP	TYPICAL THROUGHOUT DRAWING
AF	SWITCH DISCONNECT FUSE RATING

1000A POWER STORAGE 50 SYSTEM NOTES

- 250KWH 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 / INVERTER
- 240KW / 1000A GRID PASS THROUGH
- CHARGE RATE: 6.5KW / INVERTER  
13KW / BATTERY STACK
- DISCHARGE RATE: 12.5KW / INVERTER  
25KW / BATTERY STACK



PS50\_GEN TO GEN\_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				
DATE	*	*	*	*	*	*											
INIT	*	*	*	*	*	*											
REV	00	VERSION 00			12-10-2025	MAW						SCALE:	AS NOTED				
		REVISIONS			DATE	DRN	DSGN	CKD	APPD								

CERTIFICATE OF REGISTRATION NO. X-0000

1000A: 125KW - 250KWH ESS  
PS50 ONELINE DIAGRAM (120/240V)

DRAWING NUMBER  
**009-2609-00**

