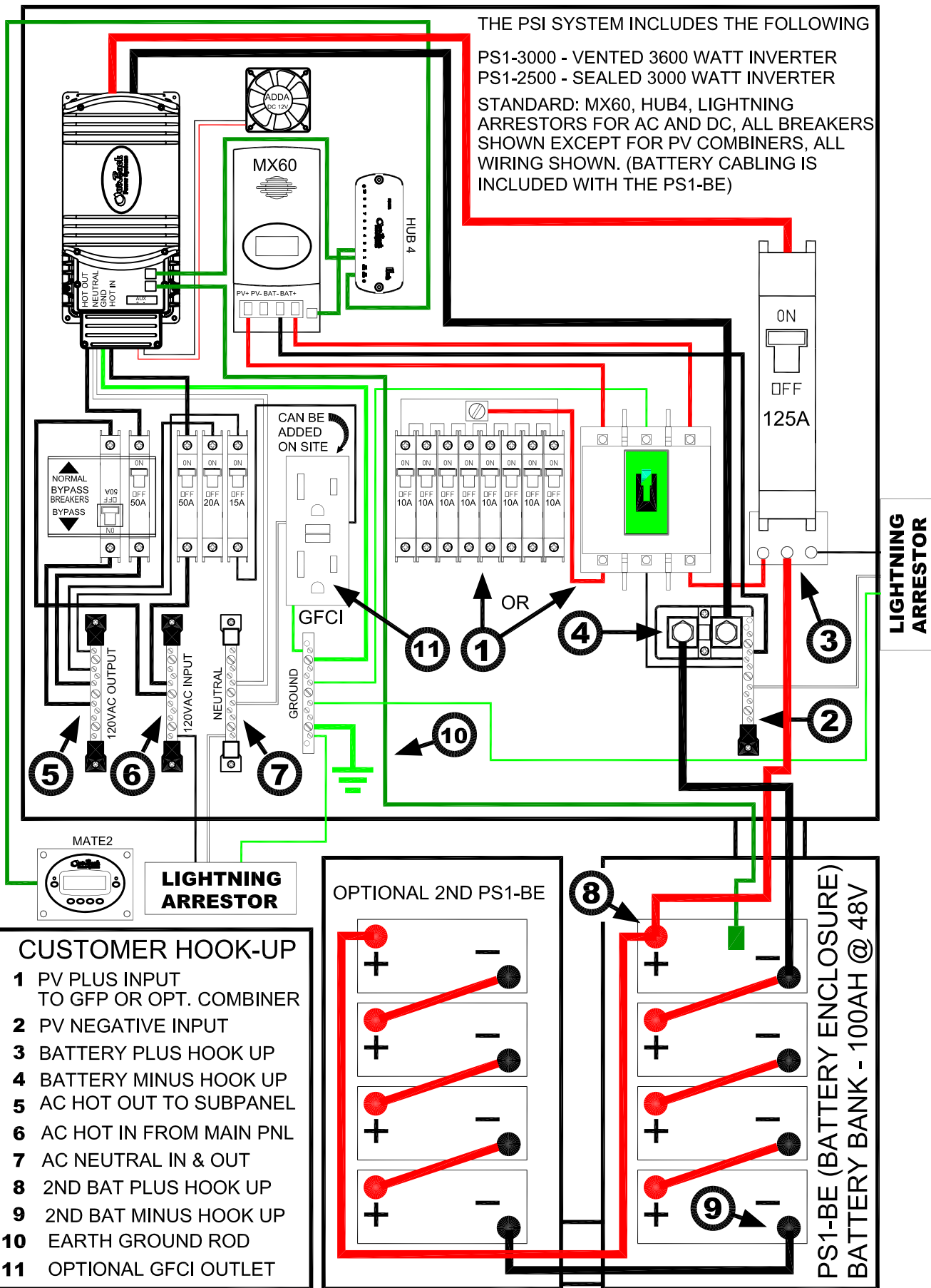


# FACTORY WIRED

## PS1 BATTERY BACK-UP GRID TIE SYSTEM DIAGRAM

THE PSI SYSTEM INCLUDES THE FOLLOWING

PS1-3000 - VENTED 3600 WATT INVERTER  
 PS1-2500 - SEALED 3000 WATT INVERTER  
 STANDARD: MX60, HUB4, LIGHTNING ARRESTORS FOR AC AND DC, ALL BREAKERS SHOWN EXCEPT FOR PV COMBINERS, ALL WIRING SHOWN. (BATTERY CABLING IS INCLUDED WITH THE PS1-BE)



**CUSTOMER HOOK-UP**

- 1 PV PLUS INPUT TO GFP OR OPT. COMBINER
- 2 PV NEGATIVE INPUT
- 3 BATTERY PLUS HOOK UP
- 4 BATTERY MINUS HOOK UP
- 5 AC HOT OUT TO SUBPANEL
- 6 AC HOT IN FROM MAIN PNL
- 7 AC NEUTRAL IN & OUT
- 8 2ND BAT PLUS HOOK UP
- 9 2ND BAT MINUS HOOK UP
- 10 EARTH GROUND ROD
- 11 OPTIONAL GFCI OUTLET

PS1-BE (BATTERY ENCLOSURE)  
 BATTERY BANK - 100AH @ 48V