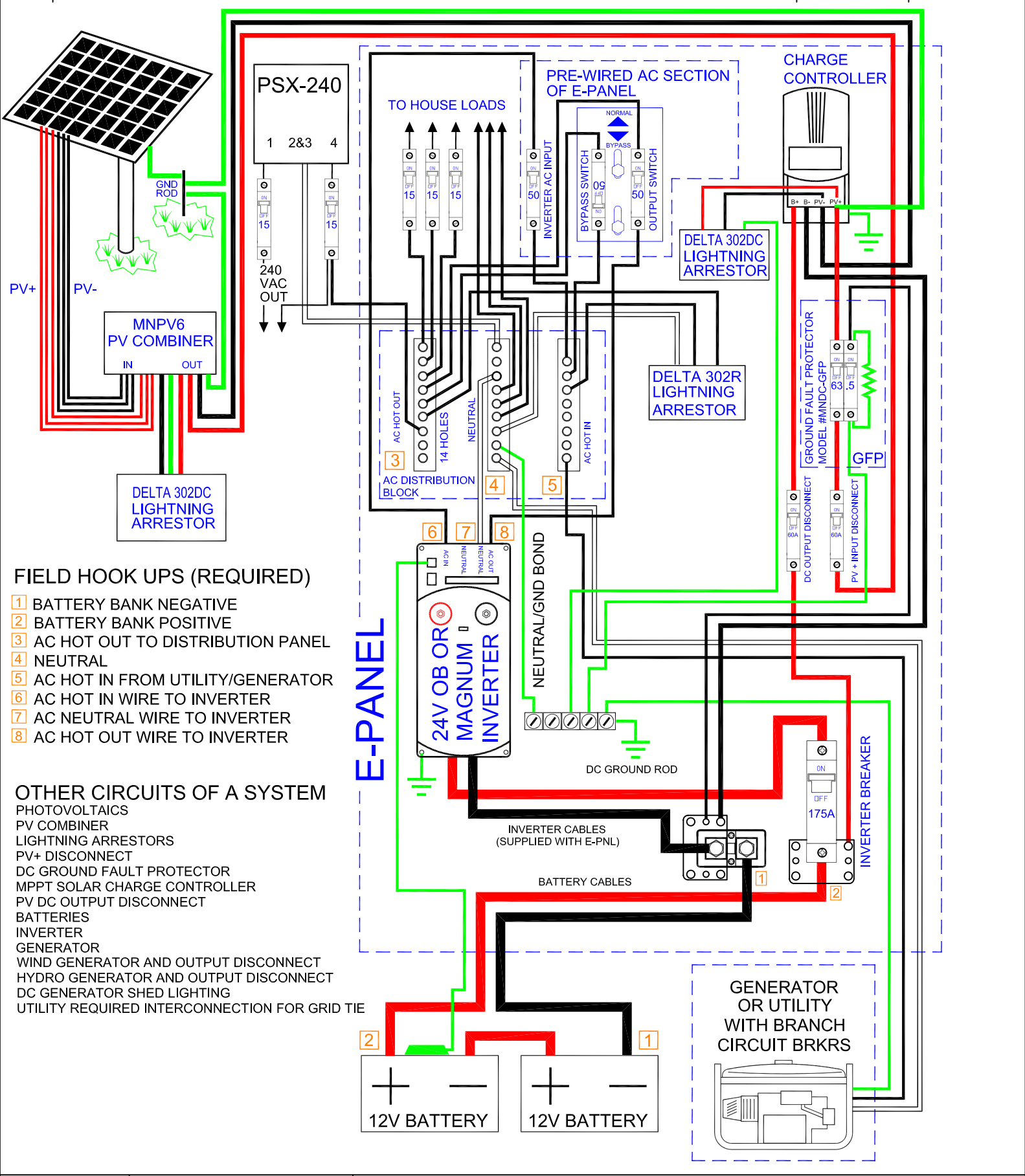


REV	DESCRIPTION	DATE	APPROVED
E	CLARIFIED LIGHTNING ARRESTORS	6-30-07	RWG



**FIELD HOOK UPS (REQUIRED)**

- 1 BATTERY BANK NEGATIVE
- 2 BATTERY BANK POSITIVE
- 3 AC HOT OUT TO DISTRIBUTION PANEL
- 4 NEUTRAL
- 5 AC HOT IN FROM UTILITY/GENERATOR
- 6 AC HOT IN WIRE TO INVERTER
- 7 AC NEUTRAL WIRE TO INVERTER
- 8 AC HOT OUT WIRE TO INVERTER

**OTHER CIRCUITS OF A SYSTEM**

- PHOTOVOLTAICS
- PV COMBINER
- LIGHTNING ARRESTORS
- PV+ DISCONNECT
- DC GROUND FAULT PROTECTOR
- MPPT SOLAR CHARGE CONTROLLER
- PV DC OUTPUT DISCONNECT
- BATTERIES
- INVERTER
- GENERATOR
- WIND GENERATOR AND OUTPUT DISCONNECT
- HYDRO GENERATOR AND OUTPUT DISCONNECT
- DC GENERATOR SHED LIGHTING
- UTILITY REQUIRED INTERCONNECTION FOR GRID TIE



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ARLINGTON, WA  
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DOC TITLE  
**E-PANEL DIAGRAM, OFF-GRID**