1. Preparation

Turn off the inverter and disconnect the grid breaker.

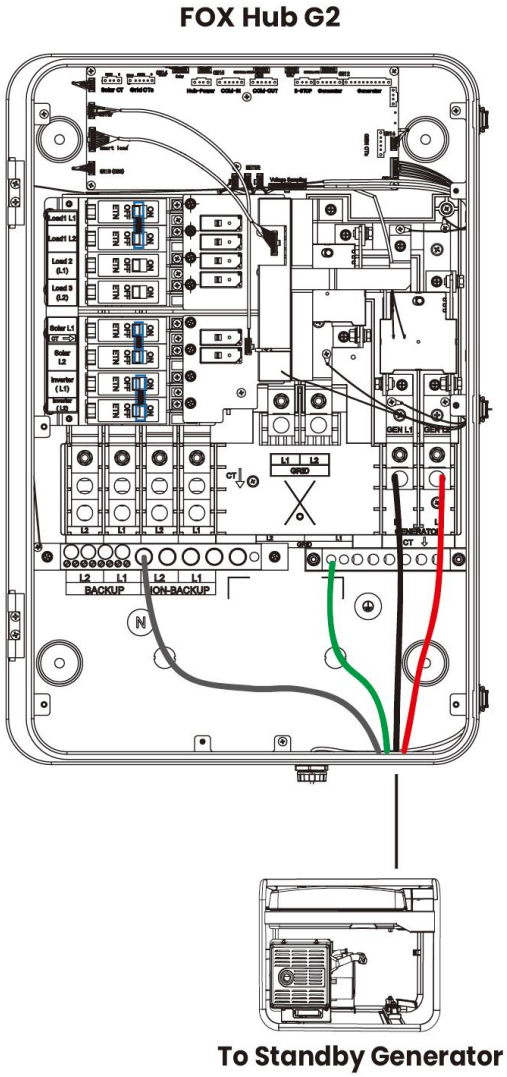
2. Power Wiring of Generator

L1:
6 AWG - 250 kcmil 3/4"

L2:
6 AWG - 250 kcmil 3/4"

N:
6 AWG - 250 kcmil 3/4"

PE:
6 AWG - 2/0 AWG 3/4"

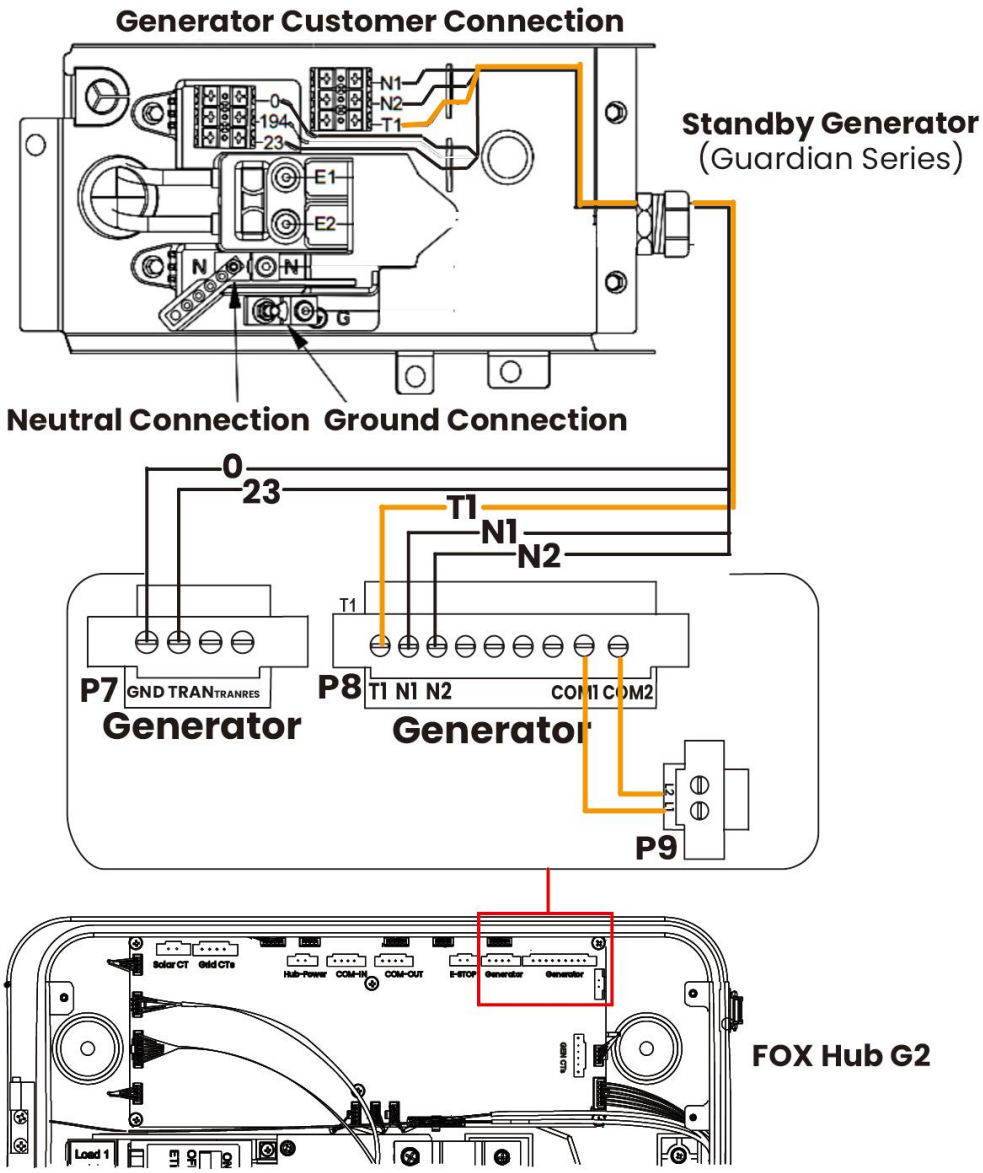


3. Communication & Auxiliary Power Wiring

(1) Control Types: Utility Voltage Sense

(Guardian Series) Standby Generator

16 AWG **24-16 AWG**



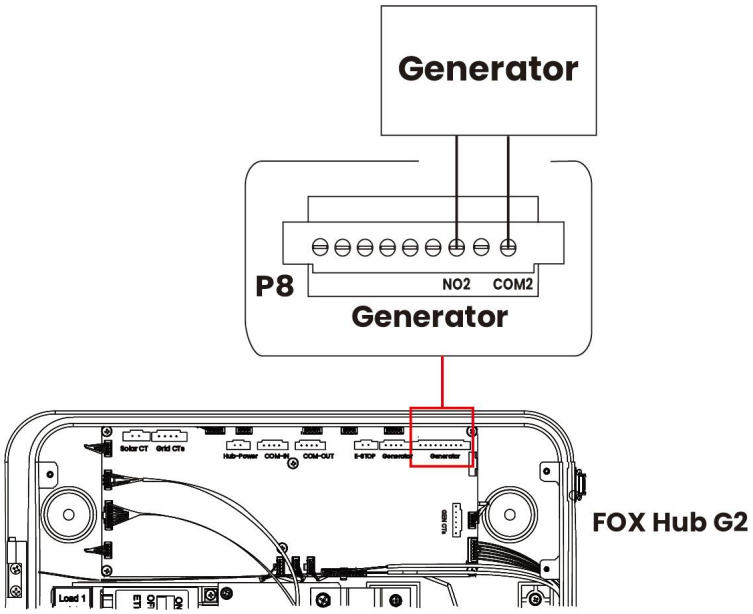
	NOTE: If the generator is connected to the FOX hub G2, the system needs to include batteries.

(2) Control Types: Two-wire Dry Contact

(EcoGen Series) Standby Generator

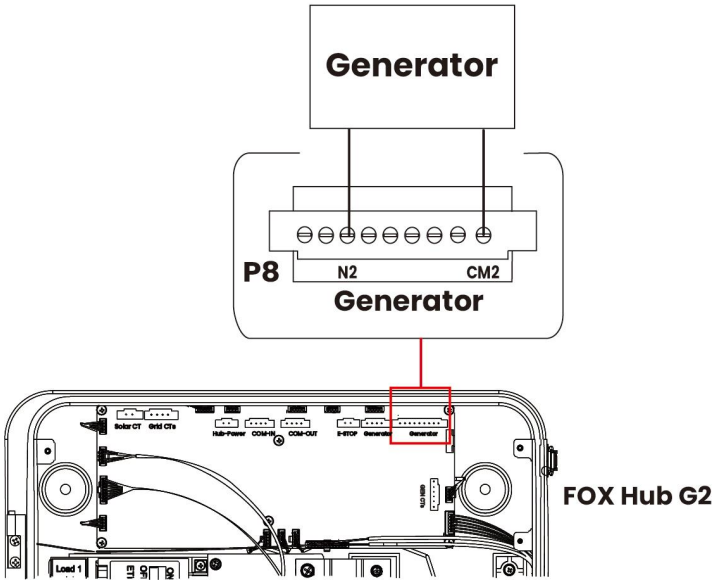
① Dry contact normally open generator (Start: Switch close)

24-16 AWG



② Dry contact normally closed generator (Start: Switch open)

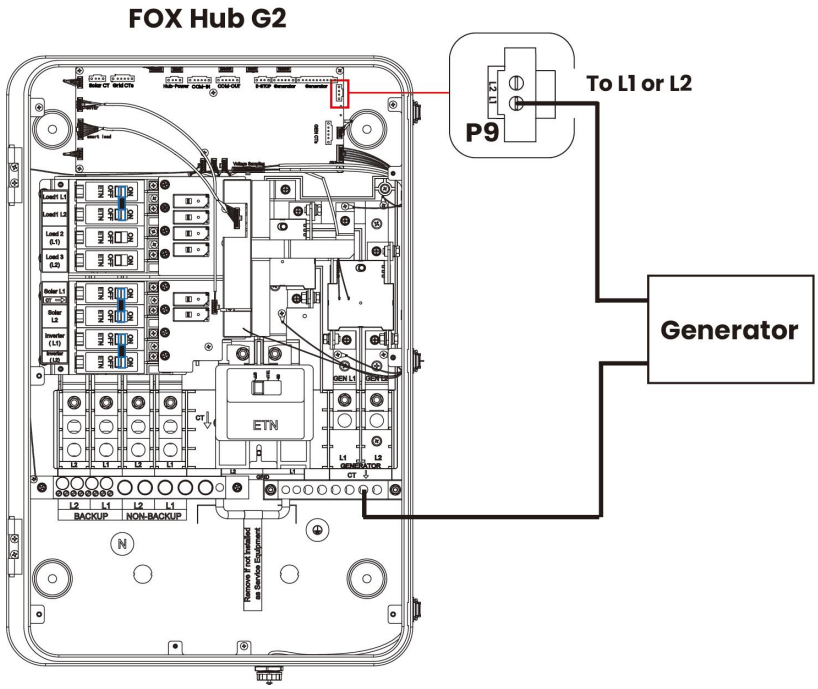
24-16 AWG



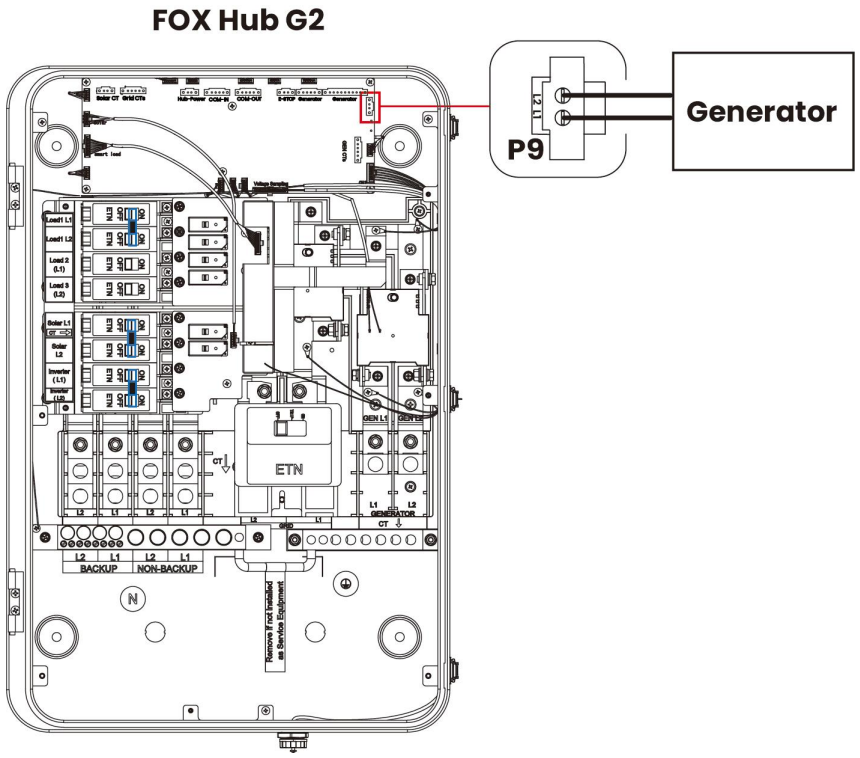
NOTE:

If the generator's battery needs our system to charge it,

① Providing 120VAC



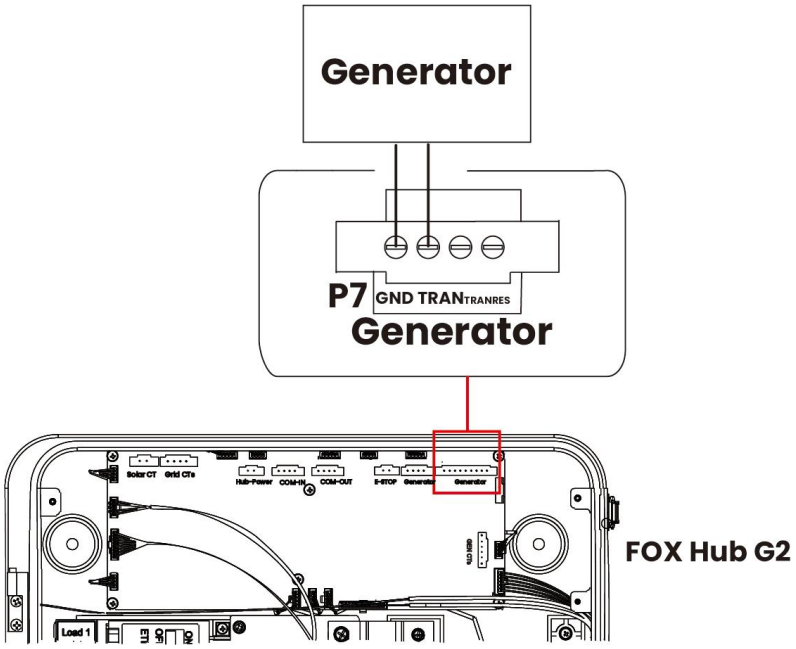
② Providing 240VAC



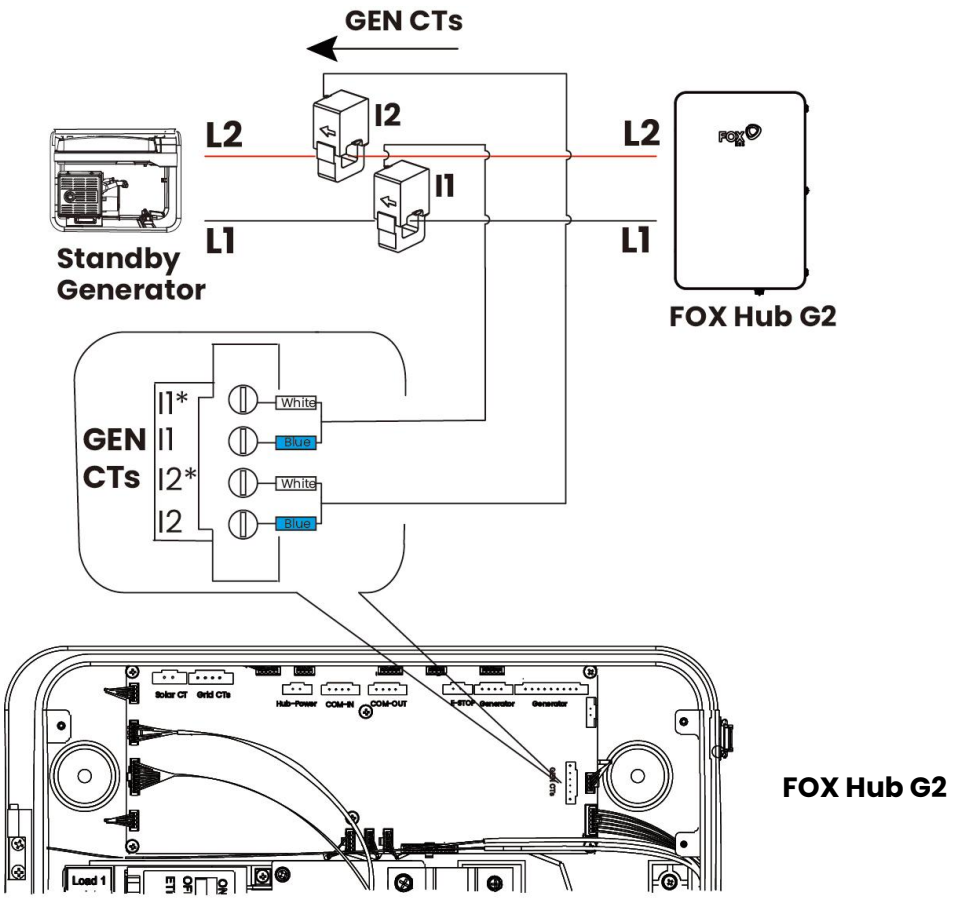
NOTE:

If there is a TRANSFER signal,

24-16 AWG



4. Gen CTs Wiring



	NOTE: The GEN CTs are installed in FOX Hub G2.