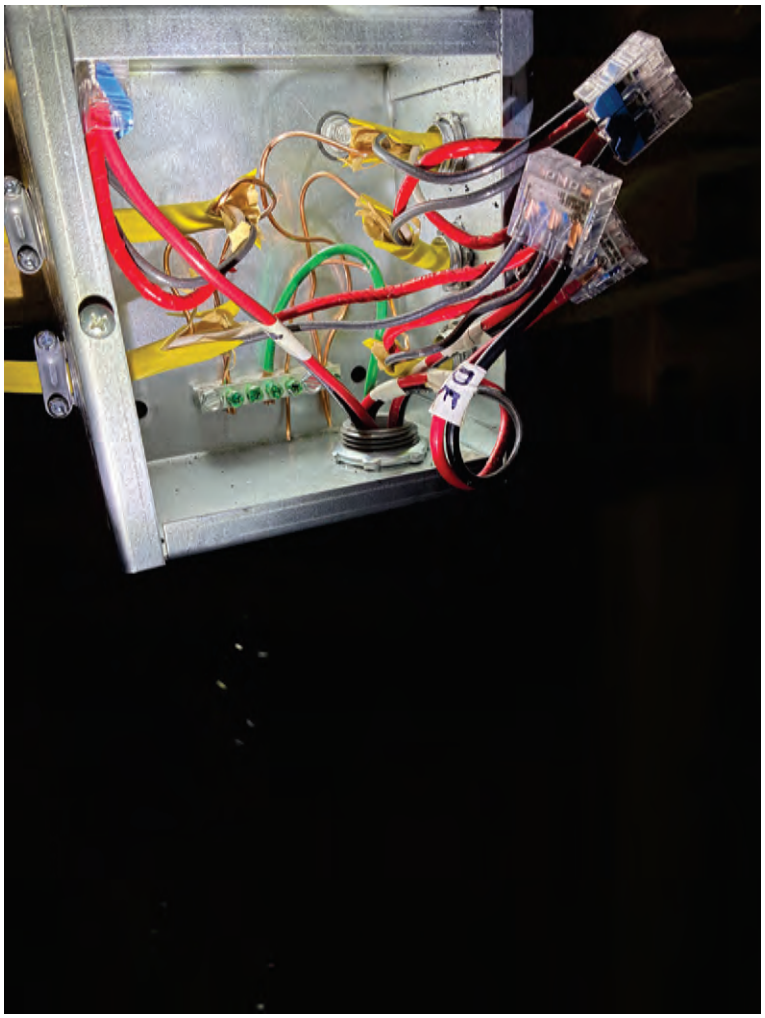
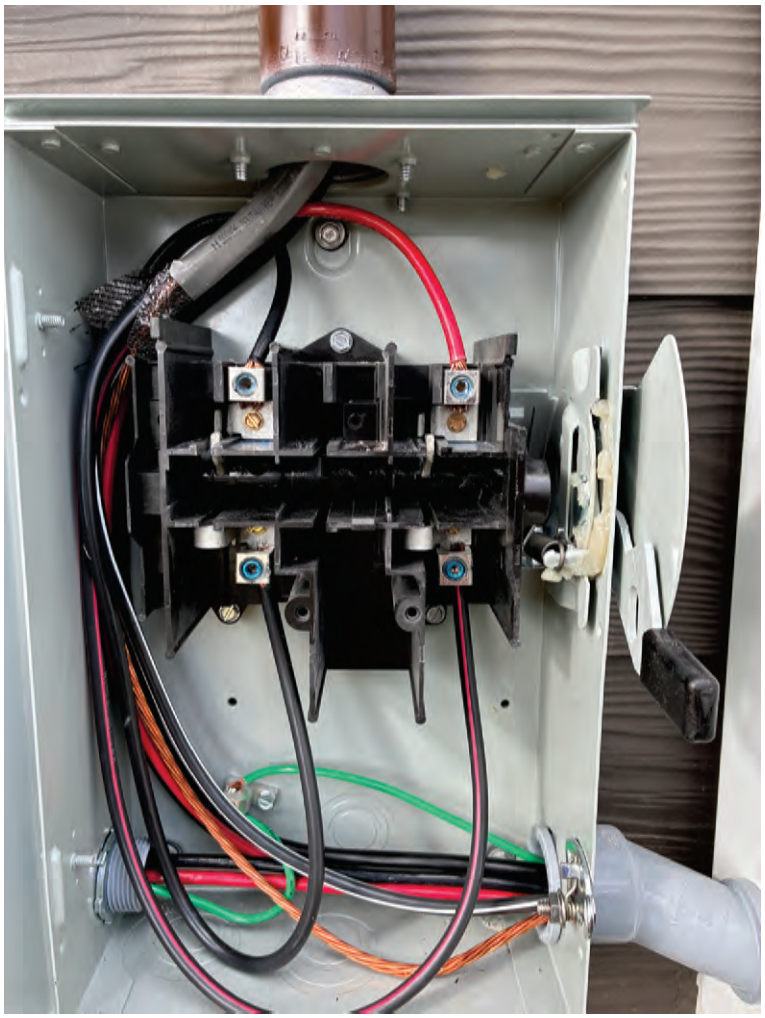
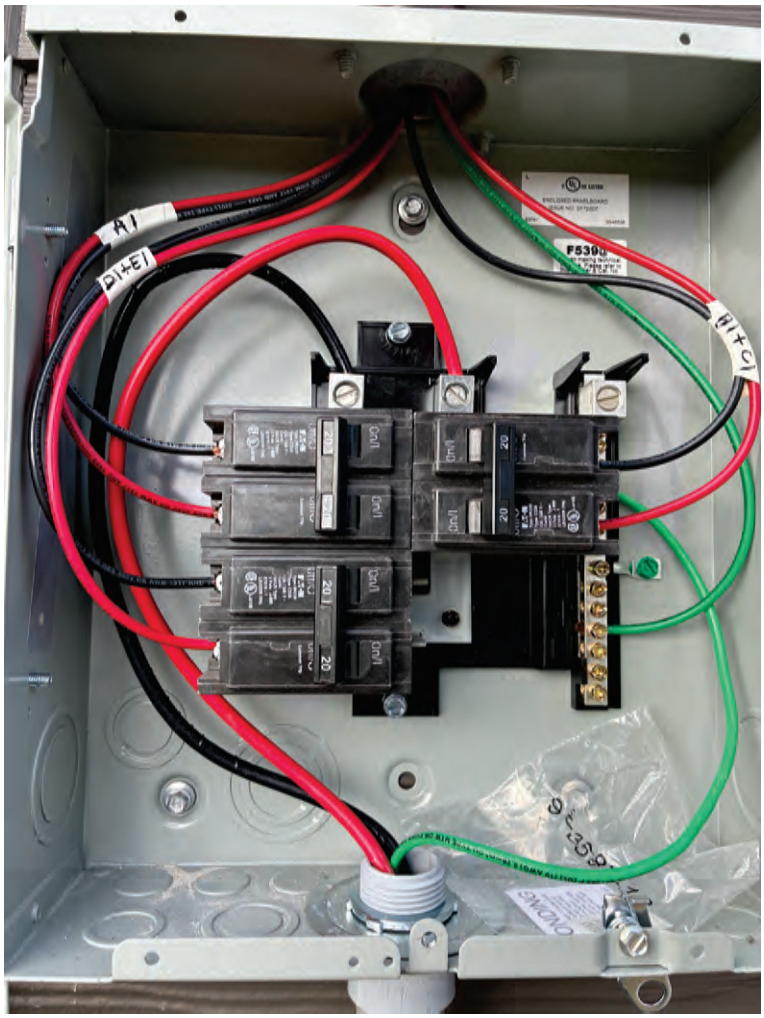
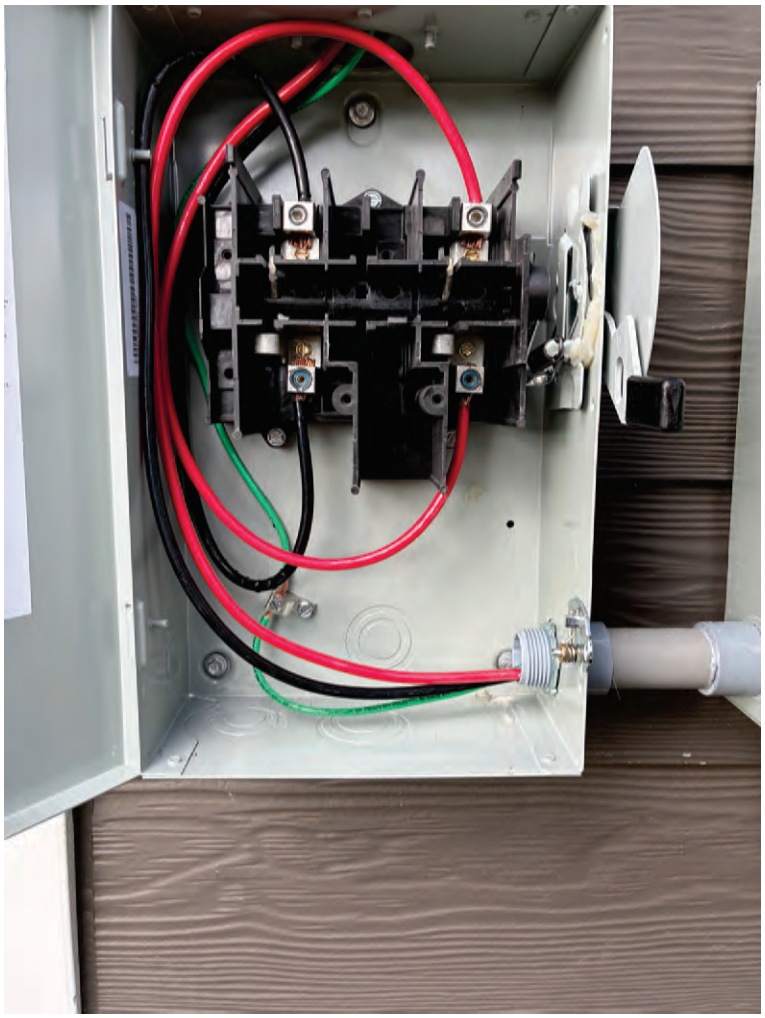
TechSh
ANT BARRIER

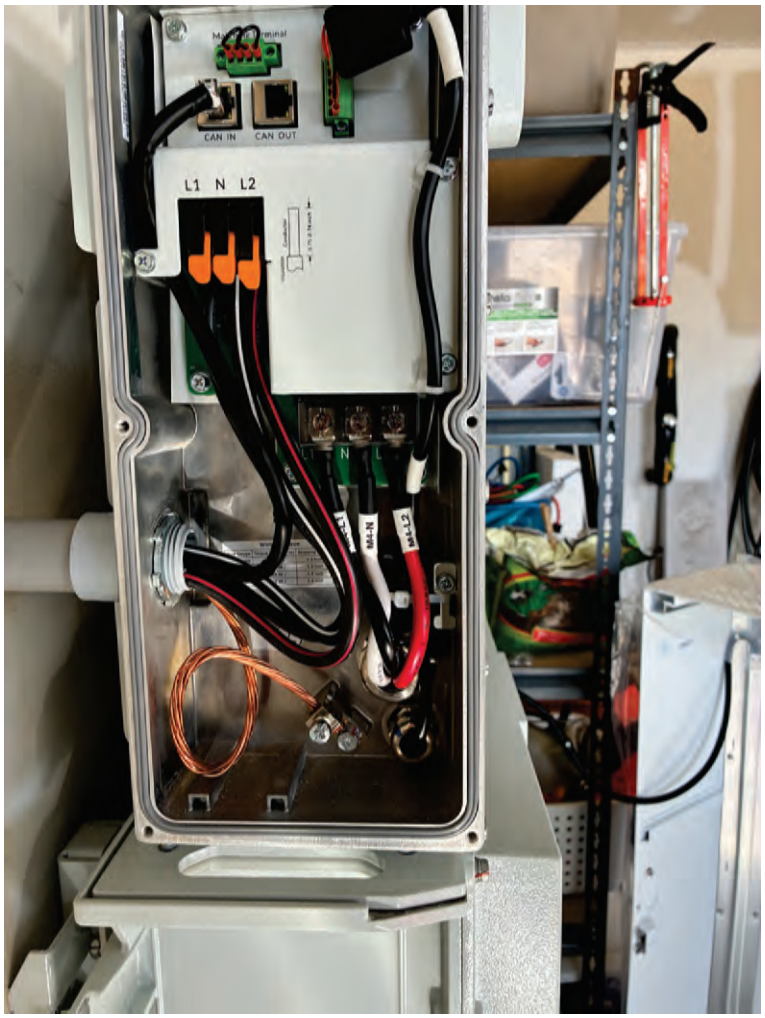


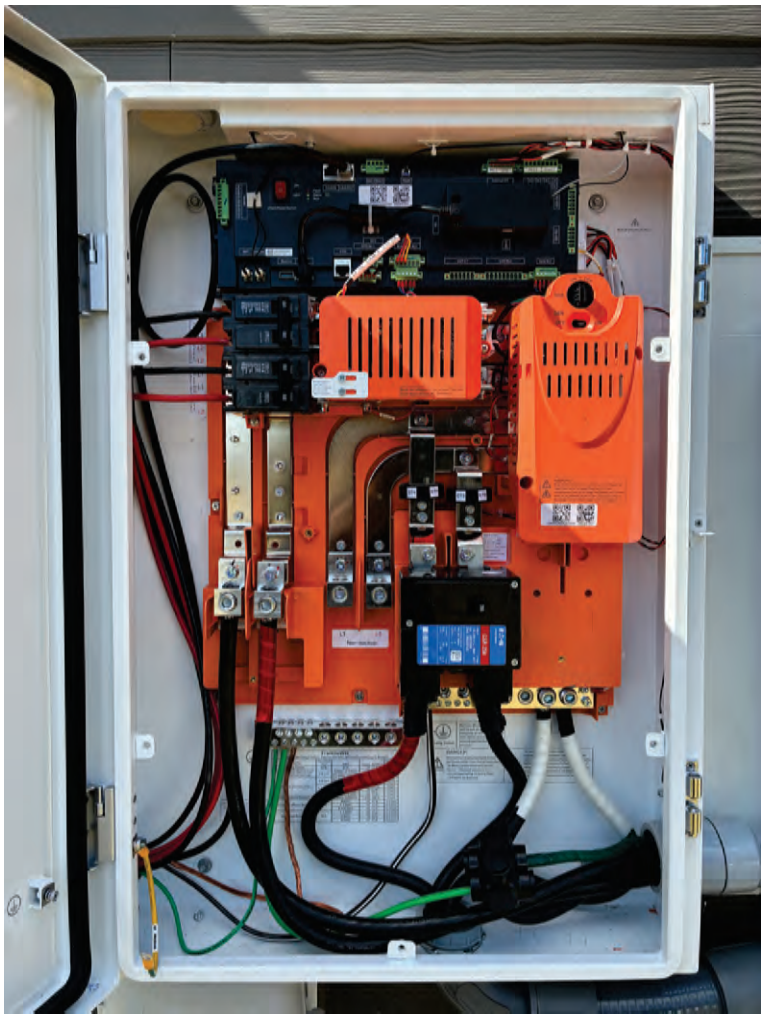
WARNING: PHOTOVOLTAIC
POWER SOURCE




A1
F5390




CAN IN
CAN OUT
L1 N L2



WARNING
EMERGENCY DISCONNECT

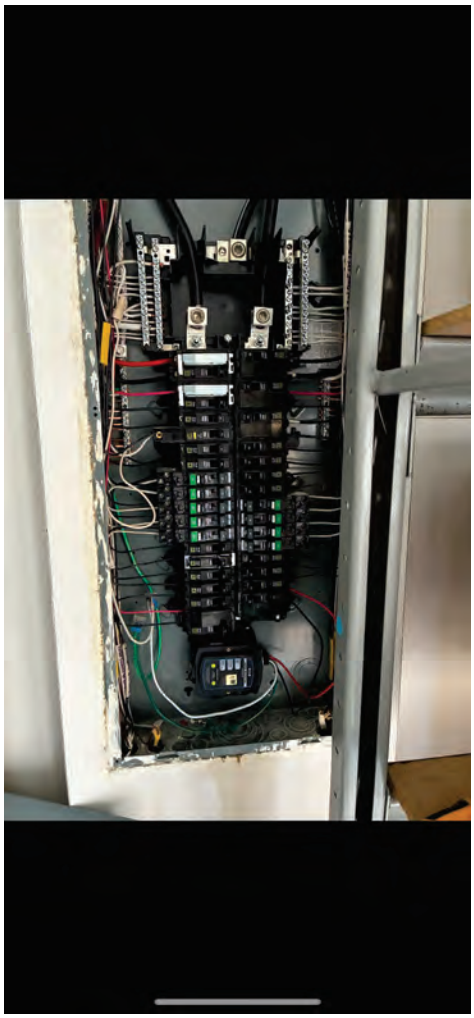
FRANKLIN

FRANKLIN

FRANKLIN

DANGER

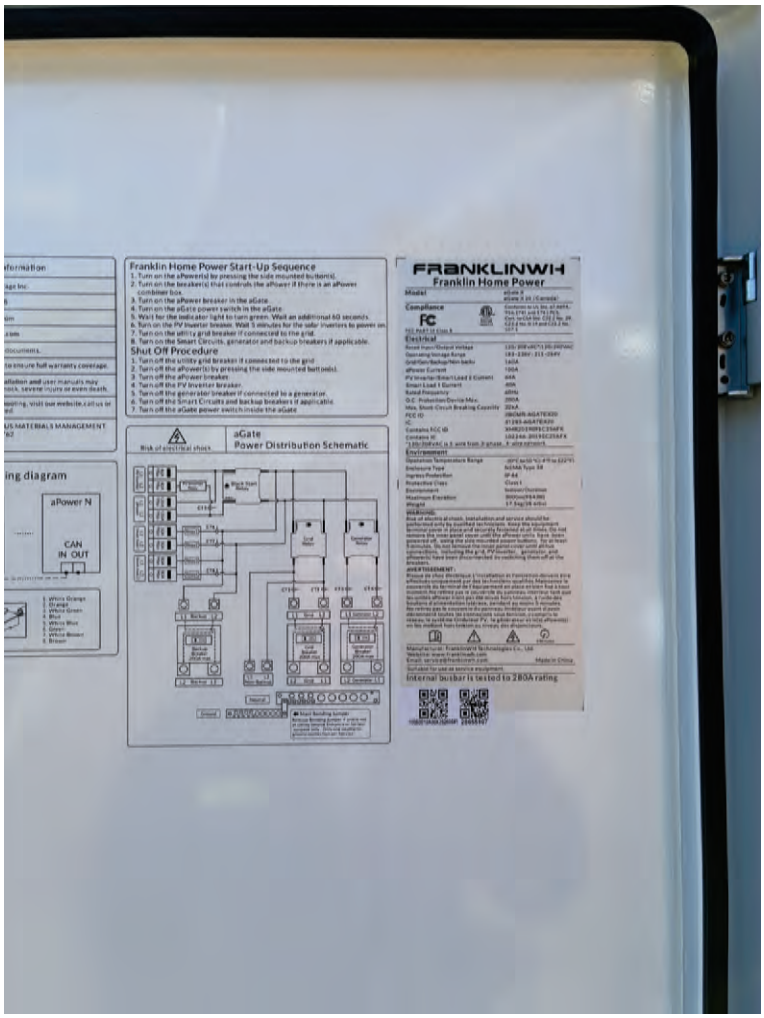
⚠ WARNING ⚠
TURN OFF PHOTOVOLTAIC AC DISCONNECT PRIOR TO WORKING INSIDE PANEL
⚠ WARNING ⚠
THREE POWER SOURCES
SOURCES: UTILITY GRID, BATTERY AND PV SOLAR ELECTRIC SYSTEM



FRANKLIN

Solar for Innovators
www.apsolarpower.com
Model:MAC DTU
Input:5V ⎓ 2A
FCC ID:2A3M4-MACDTU
Installer App
End user App
10F883249433
10F883249433
MAC-DTU(WIFI)-NA-AP1

FRANKLINWH
1731 Technology Dr, Suite 530 San Jose, CA 95110
QTY: 1
G.W.: 1.3lbs (0.6 kg)
DATE: 05/07/2025
O.D.: 8.5 in × 6.1 in × 2.8 in (215 mm × 155 mm × 70 mm)
S/N#
SKU#: 10070029A00X25190196
ACCY-MRV2-US


Franklin Home Power Start-Up Sequence
1. Turn on the aPower(s) by pressing the side mounted button(s).
2. Turn on the breaker(s) that controls the aPower if there is an aPower combiner box.
3. Turn on the aPower breaker in the aGate.
4. Turn on the aGate power switch in the aGate.
5. Wait for the indicator light to turn green. Wait an additional 60 seconds.
6. Turn on the PV inverter breaker. Wait 5 minutes for the solar inverters to power on.
7. Turn on the utility grid breaker if connected to the grid.
8. Turn on the Smart Circuits, generator and backup breakers if applicable.
Shut Off Procedure
1. Turn off the utility grid breaker if connected to the grid
2. Turn off the aPower(s) by pressing the side mounted button(s).
3. Turn off the aPower breaker
4. Turn off the PV inverter breaker
5. Turn off the generator breaker if connected to a generator.
6. Turn off the Smart Circuits and backup breakers if applicable
7. Turn off the aGate power switch inside the aGate
aGate
Power Distribution Schematic
FRANKLINWH
Franklin Home Power
aPower N
CAN
IN OUT

L1 N L2