

# SolaX Solution Diagram

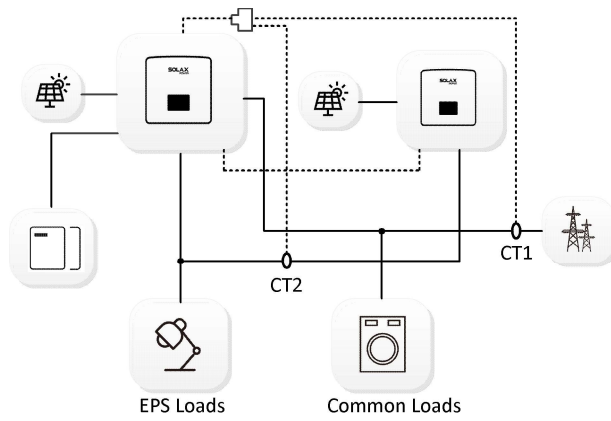
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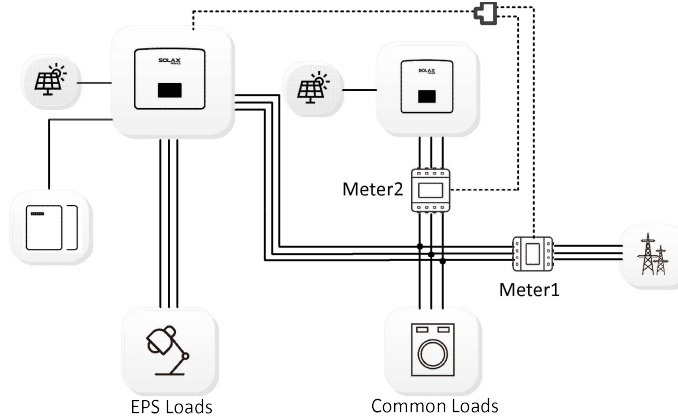
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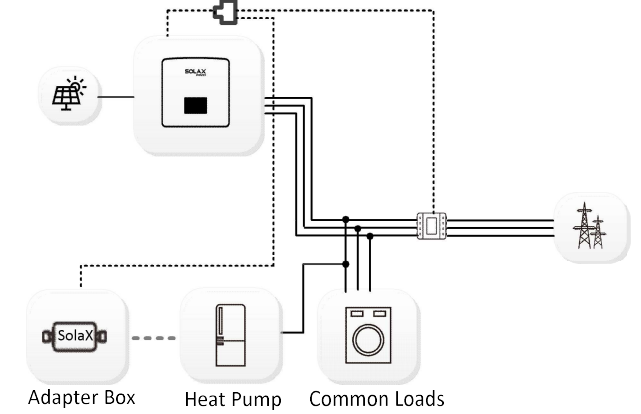
**Micro-Grid Solution**



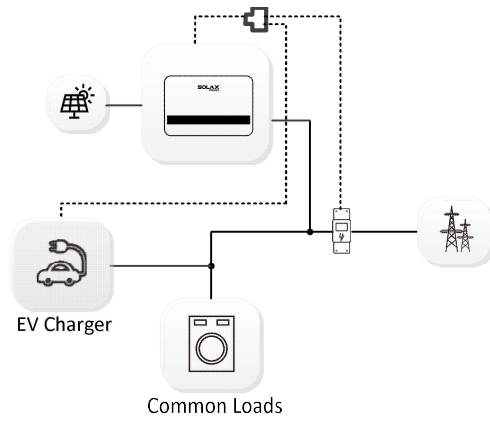
**Hybrid + On-Grid AC Coupling Solution**



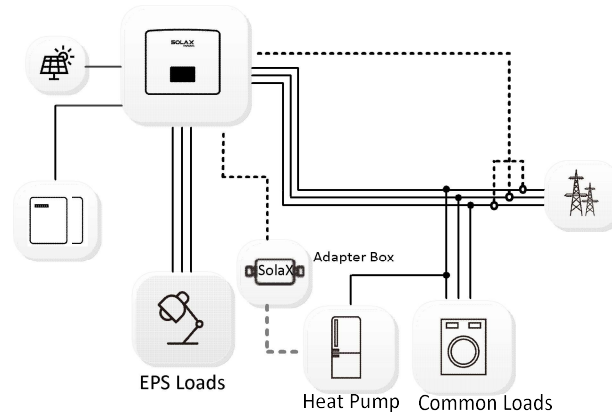
**On-Grid inverter + Adapter Box Solution**



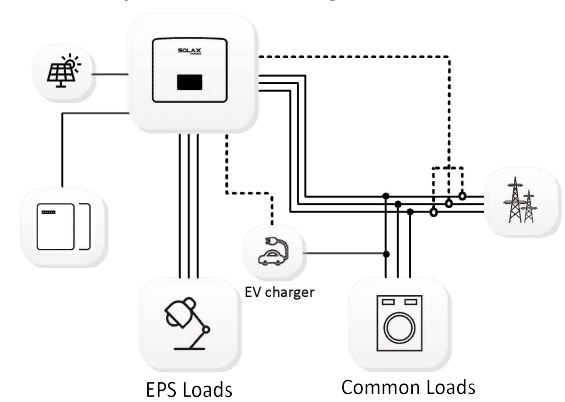
**On-Grid inverter + EV Charger Solution**



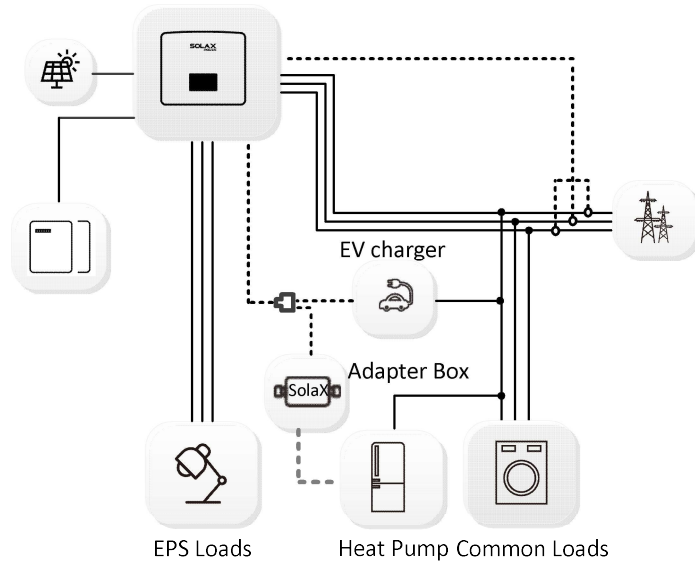
**X3-Hybrid G4 + Adapter Box Solution**



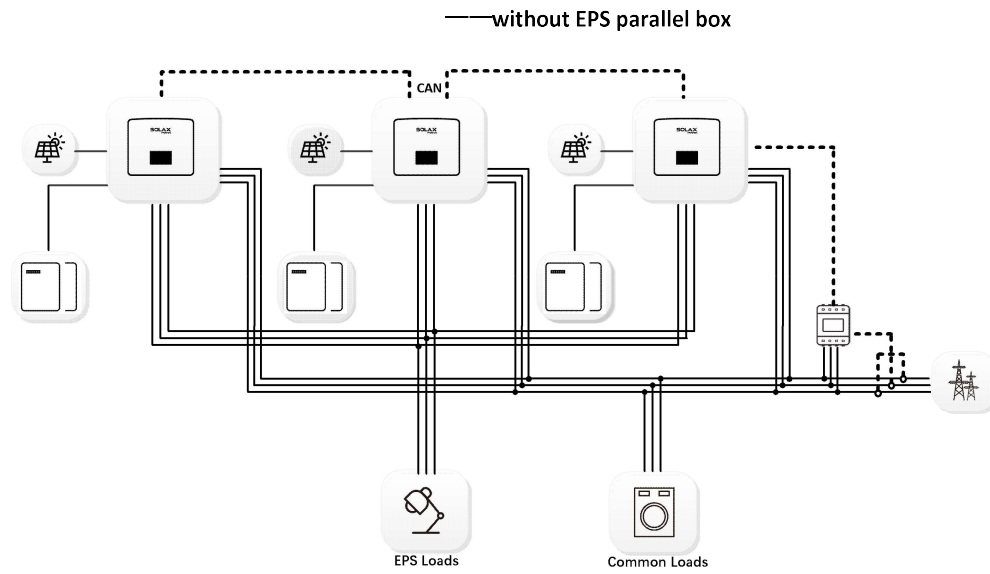
**X3-Hybrid G4 + EV Charger Solution**



**X3-Hybrid G4 + Adapter Box+EV Charger Solution**

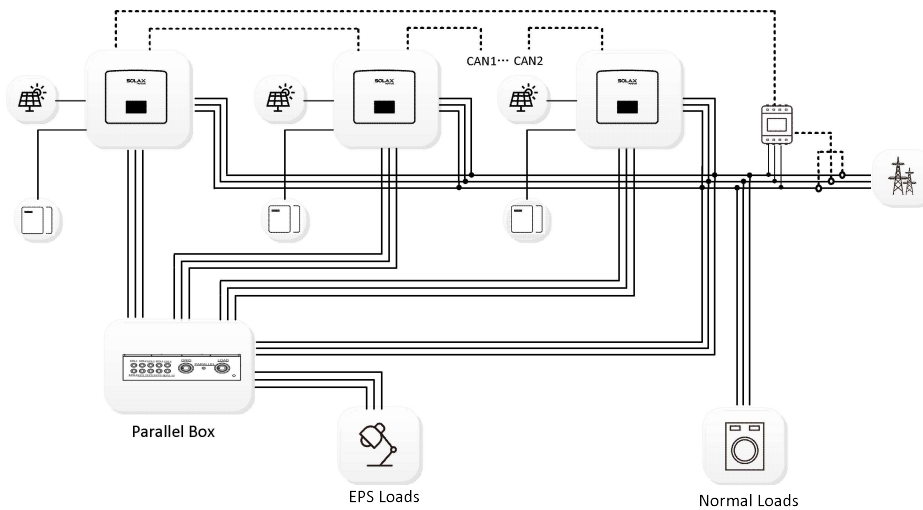


**X3-Hybrid G4 Parallel Solution**

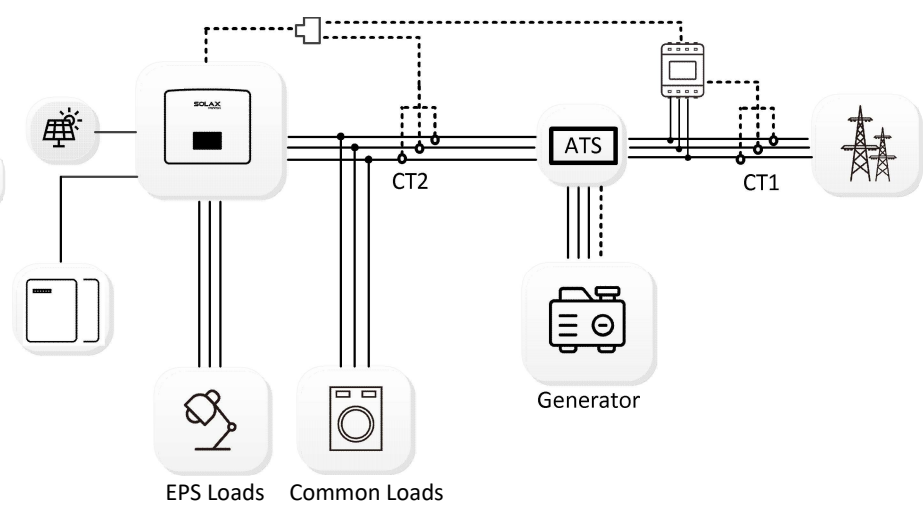


**X3-Hybrid G4 Parallel Solution**

—with EPS parallel box

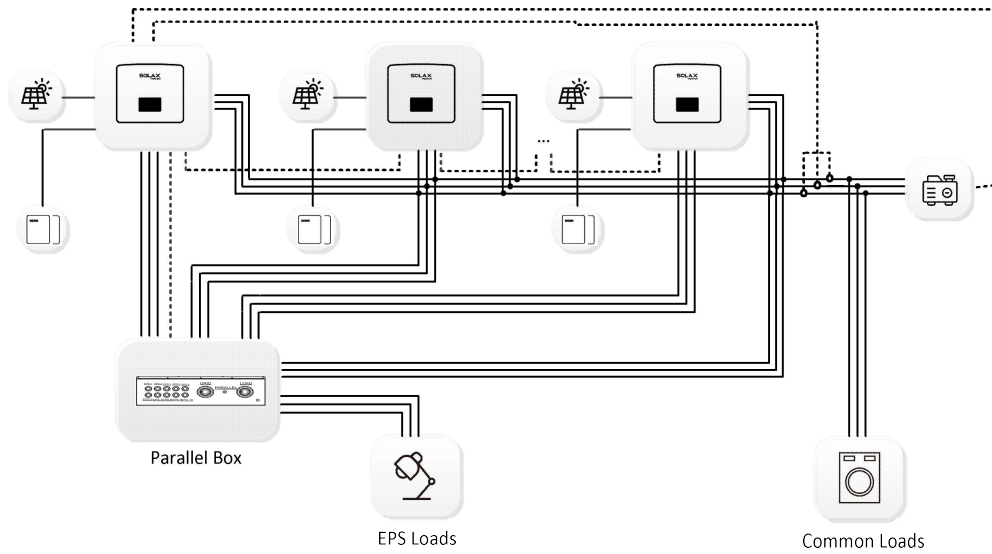


**X3-Hybrid G4 Generator ATS Solution**

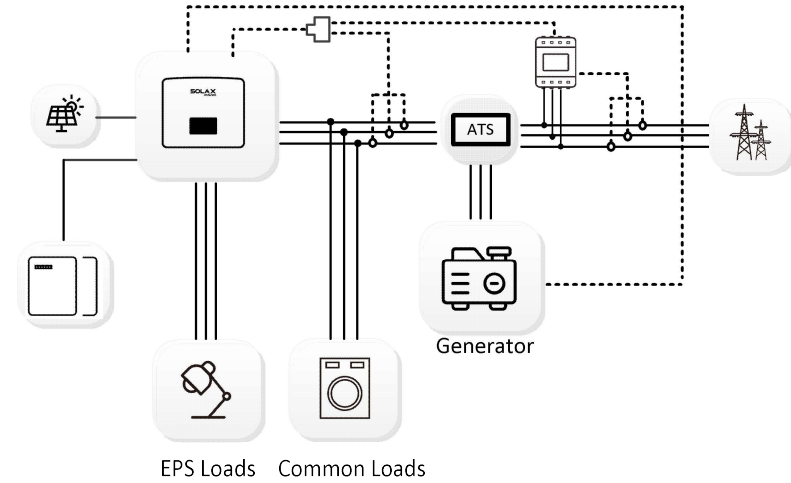


### X3-Hybrid G4 Generator Dry Contact Solution

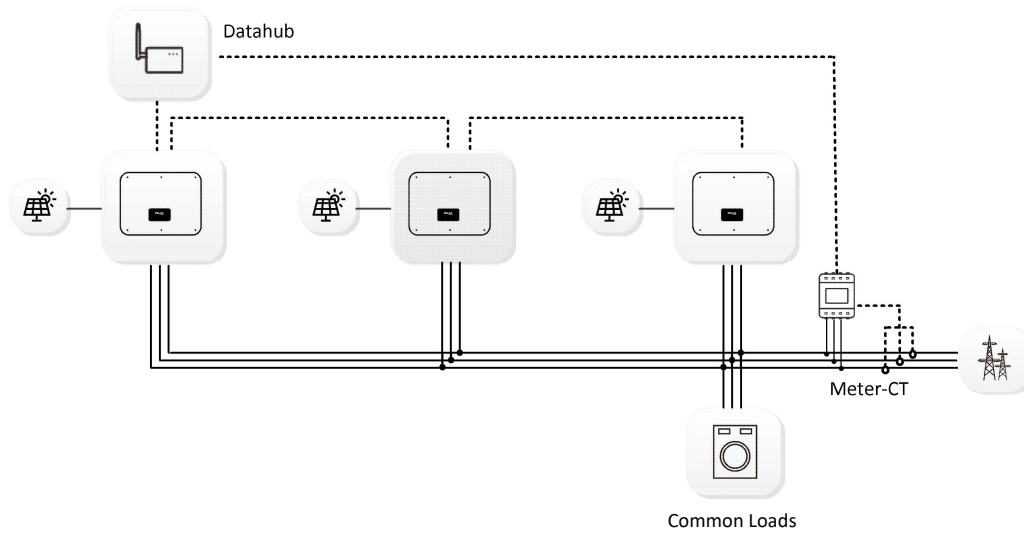
—Parallel Off-grid System



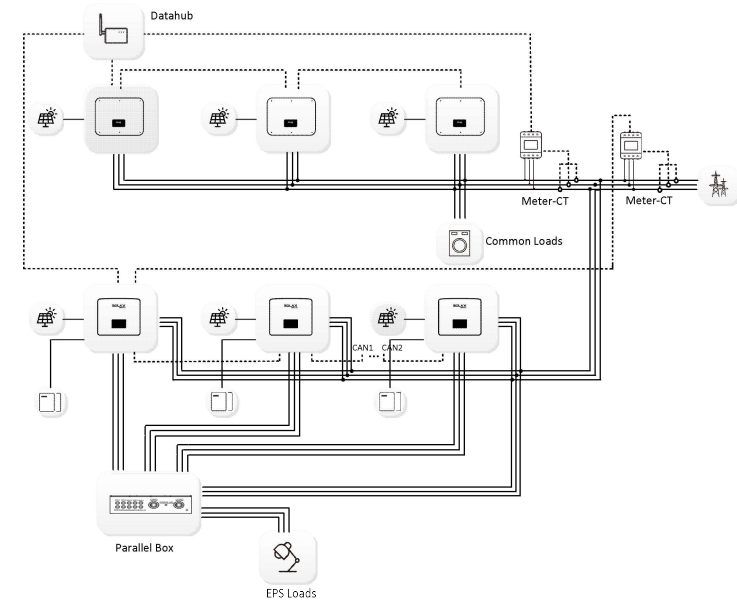
### X3-Hybrid G4 Generator Dry Contact Solution



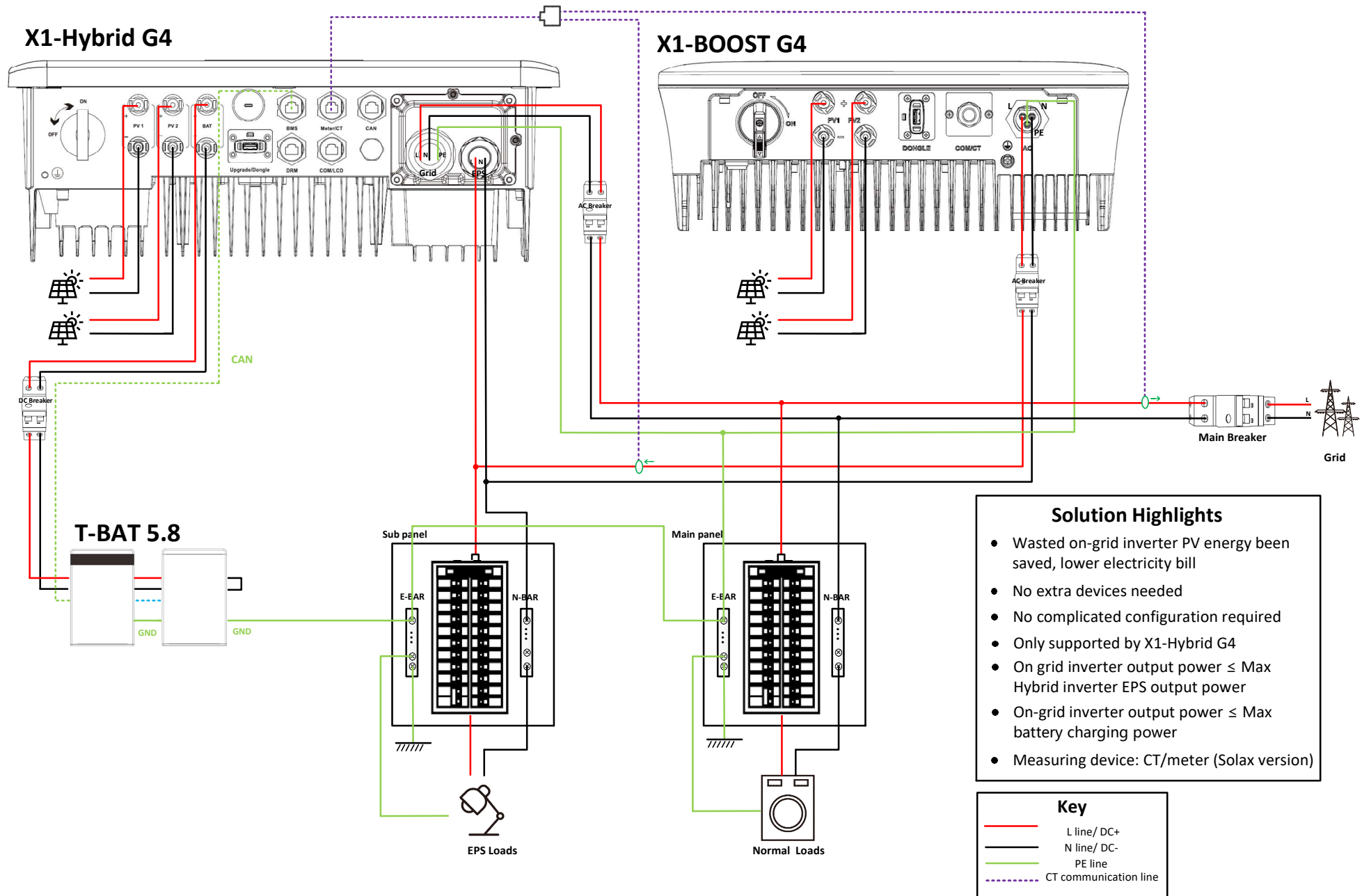
### On-Grid Inverter Parallel Solution



### On-Grid Inverter + Hybrid Inverter Solution

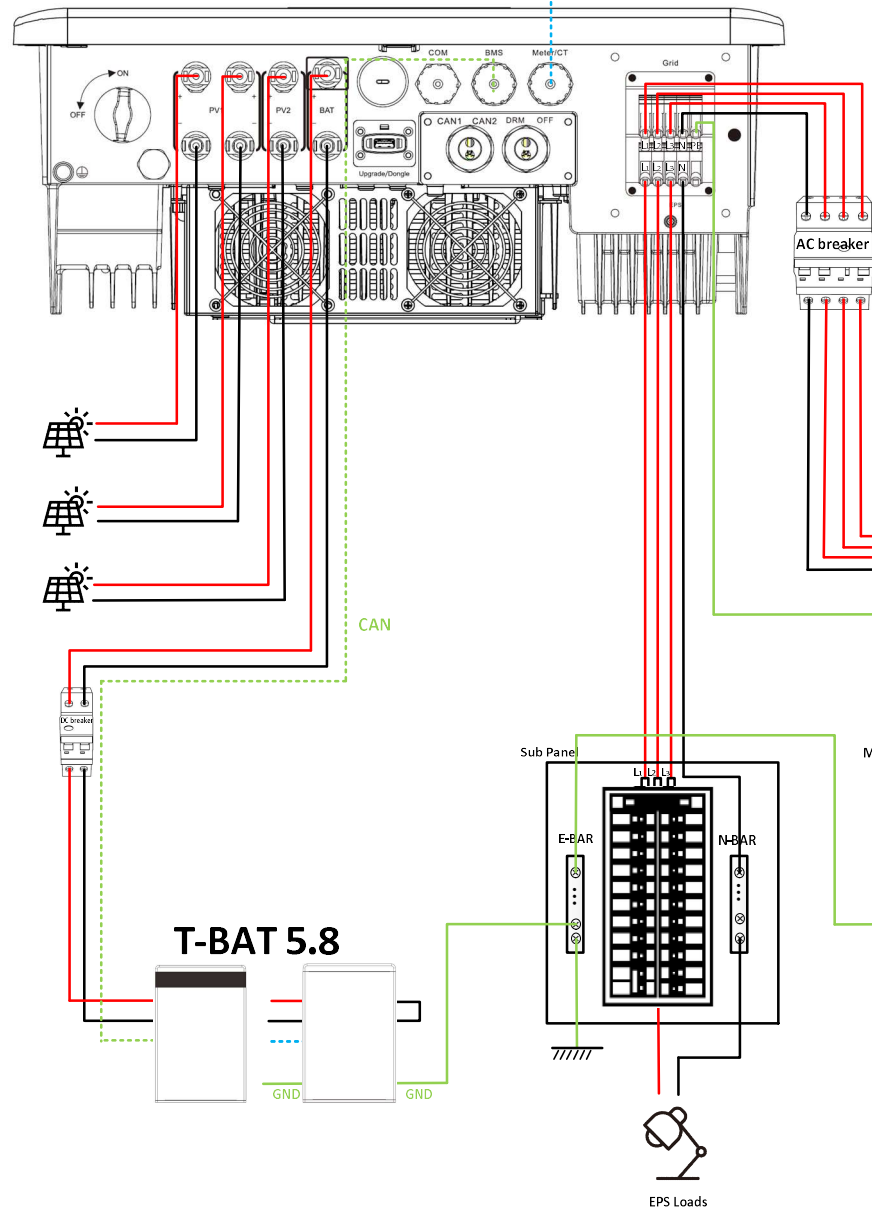


# Micro-Grid Solution

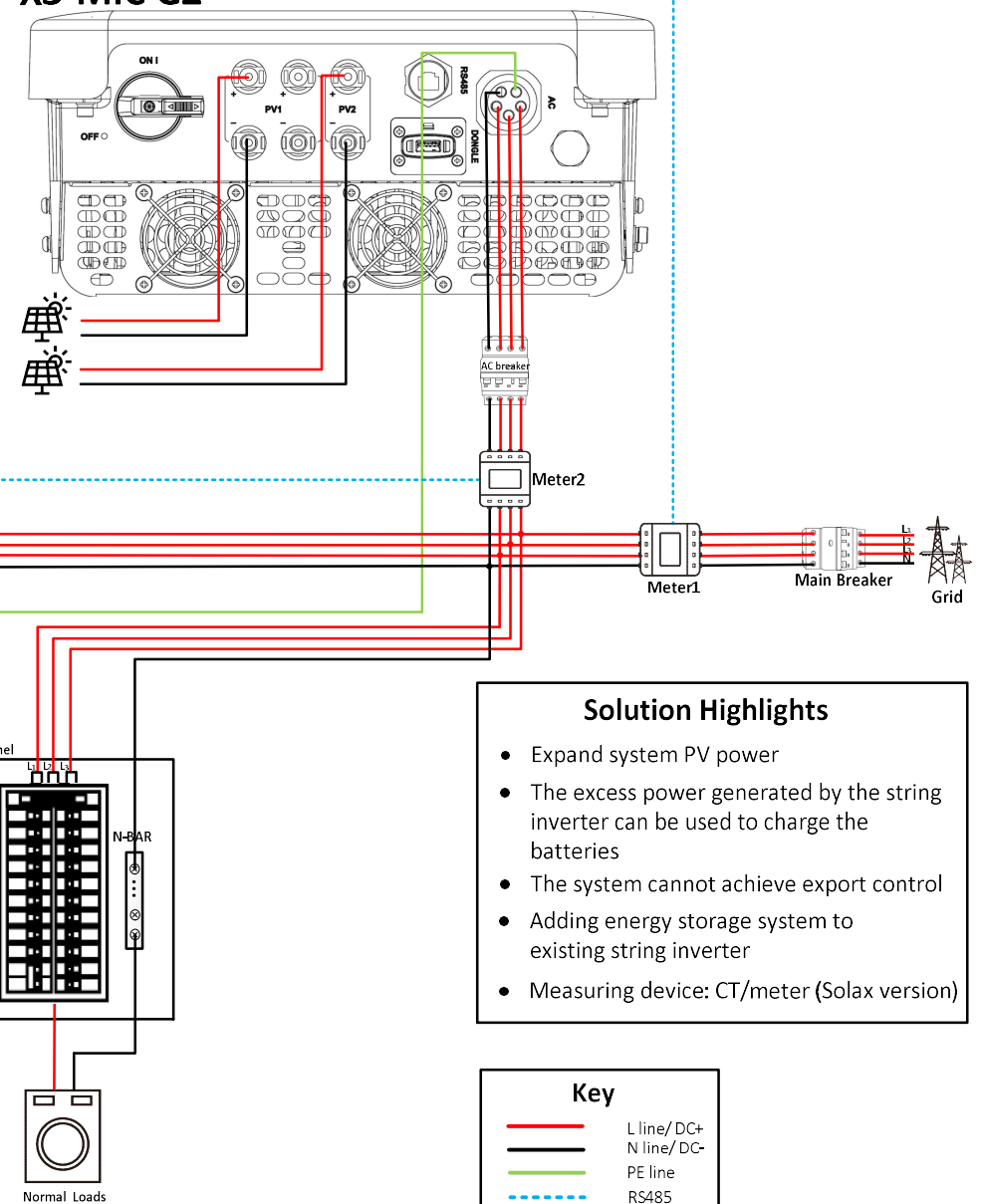


# Hybrid+On-Grid AC Coupling Solution

X3-Hybrid G4



X3-MIC G2



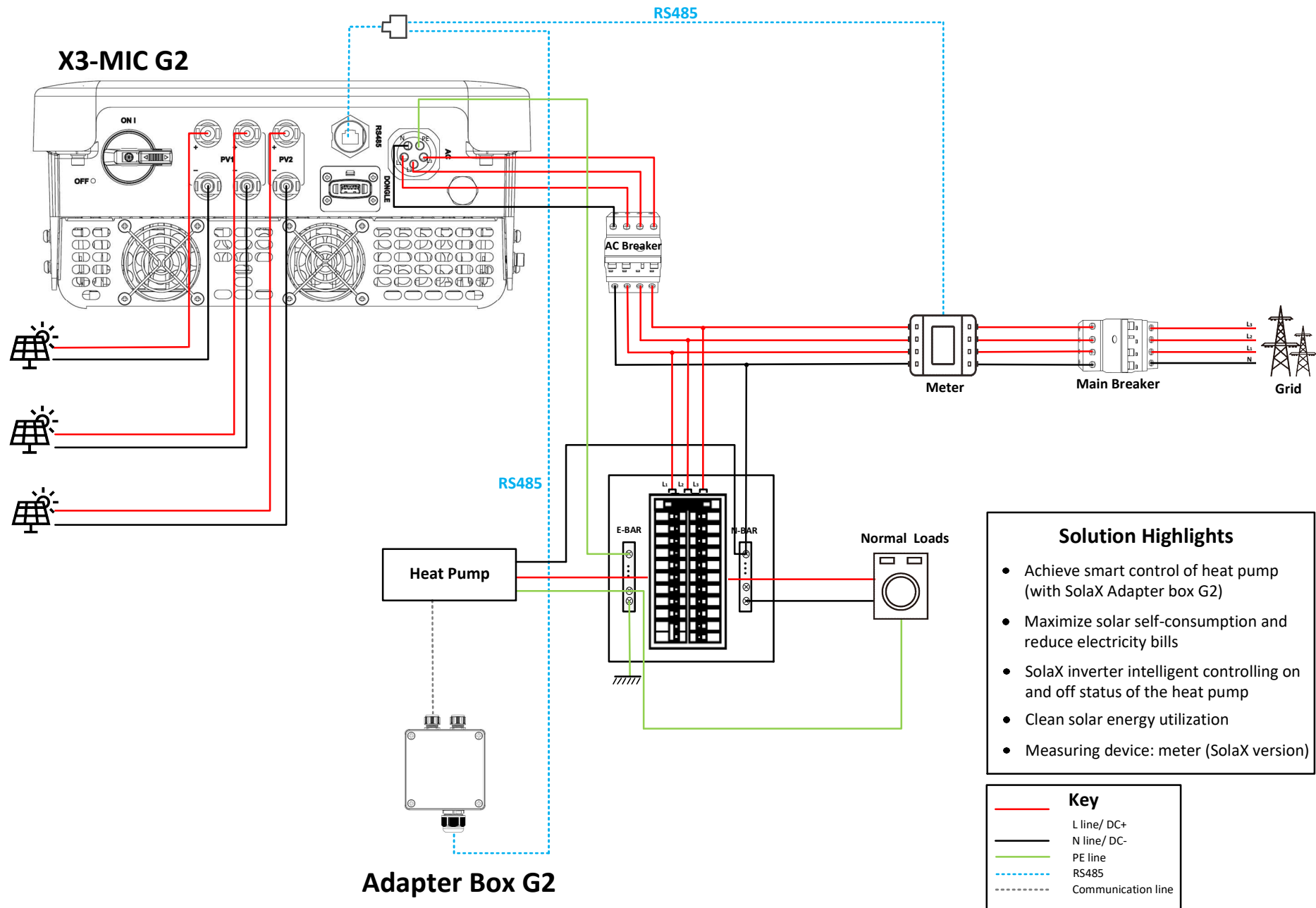
## Solution Highlights

- Expand system PV power
- The excess power generated by the string inverter can be used to charge the batteries
- The system cannot achieve export control
- Adding energy storage system to existing string inverter
- Measuring device: CT/meter (Solax version)

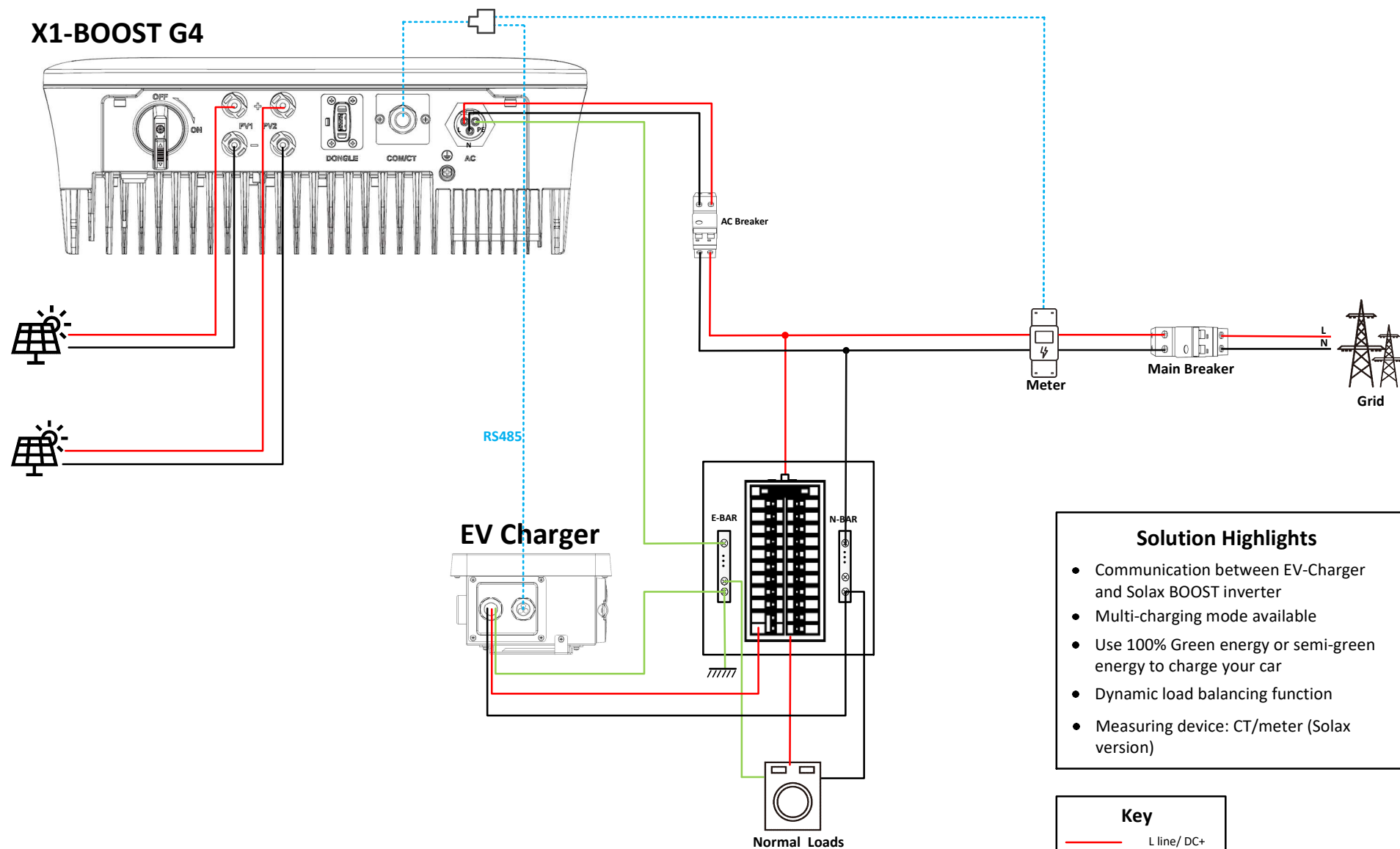
## Key

- L line/ DC+
- N line/ DC-
- PE line
- RS485

## On-Grid Inverter+Adapter Box Solution

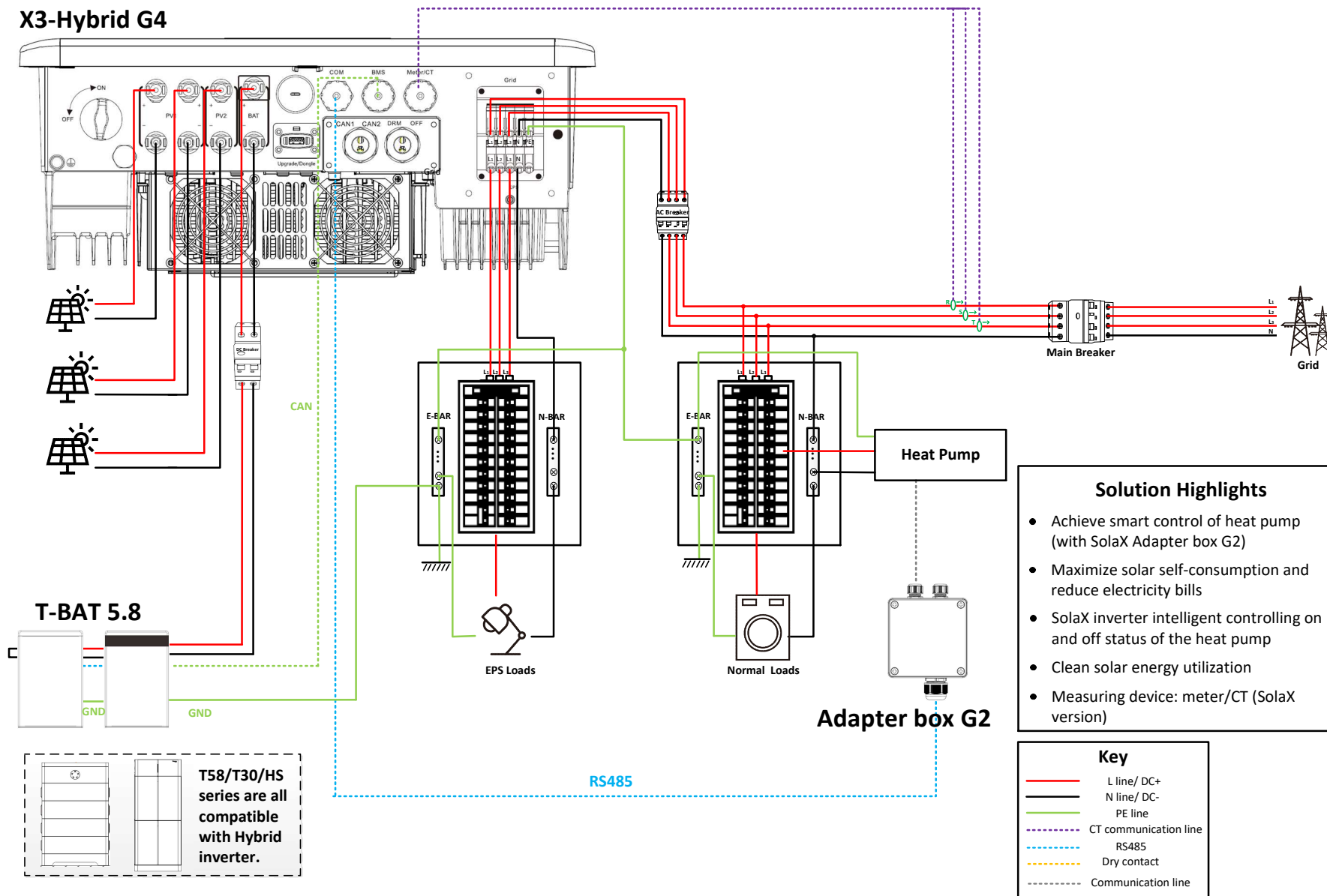


# On-Grid Inverter+EV-Charger Solution



# X3-Hybrid G4+Adapter Box Solution

## X3-Hybrid G4

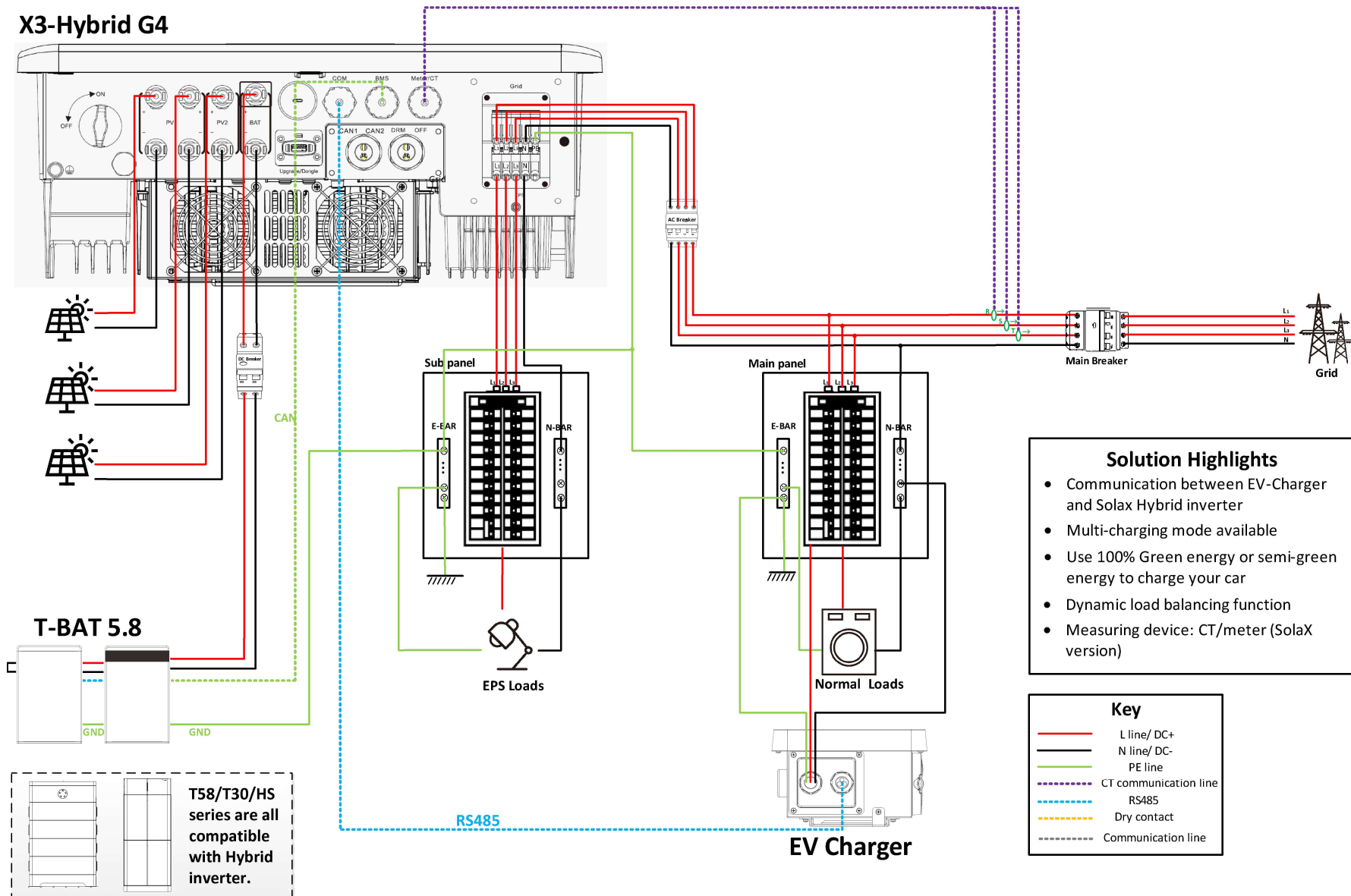


### Solution Highlights

- Achieve smart control of heat pump (with SolaX Adapter box G2)
- Maximize solar self-consumption and reduce electricity bills
- SolaX inverter intelligent controlling on and off status of the heat pump
- Clean solar energy utilization
- Measuring device: meter/CT (SolaX version)

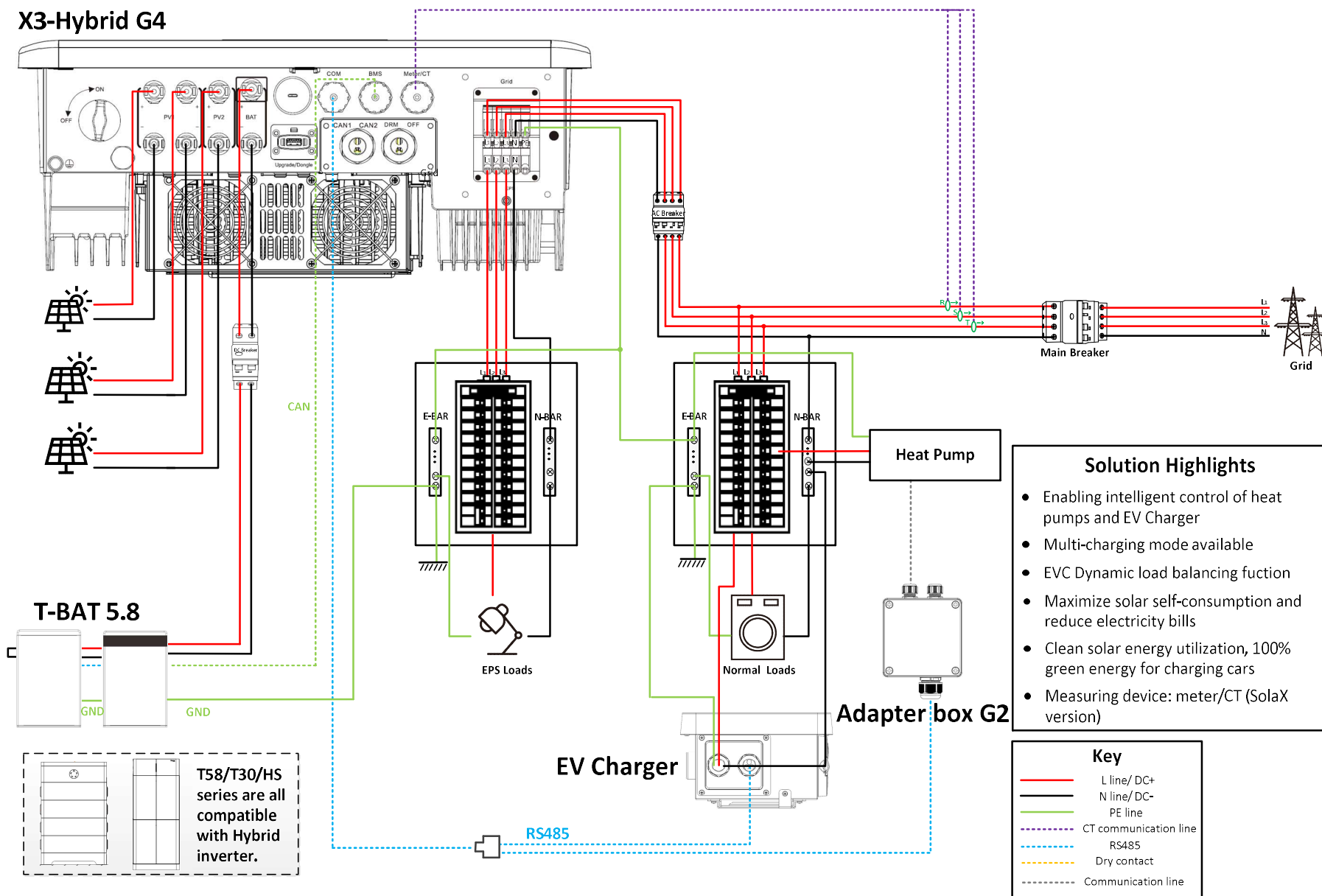
# X3-Hybrid G4+EV-Charger Solution

## X3-Hybrid G4



# X3-Hybrid G4+Adapter Box+EV Charger Solution

## X3-Hybrid G4

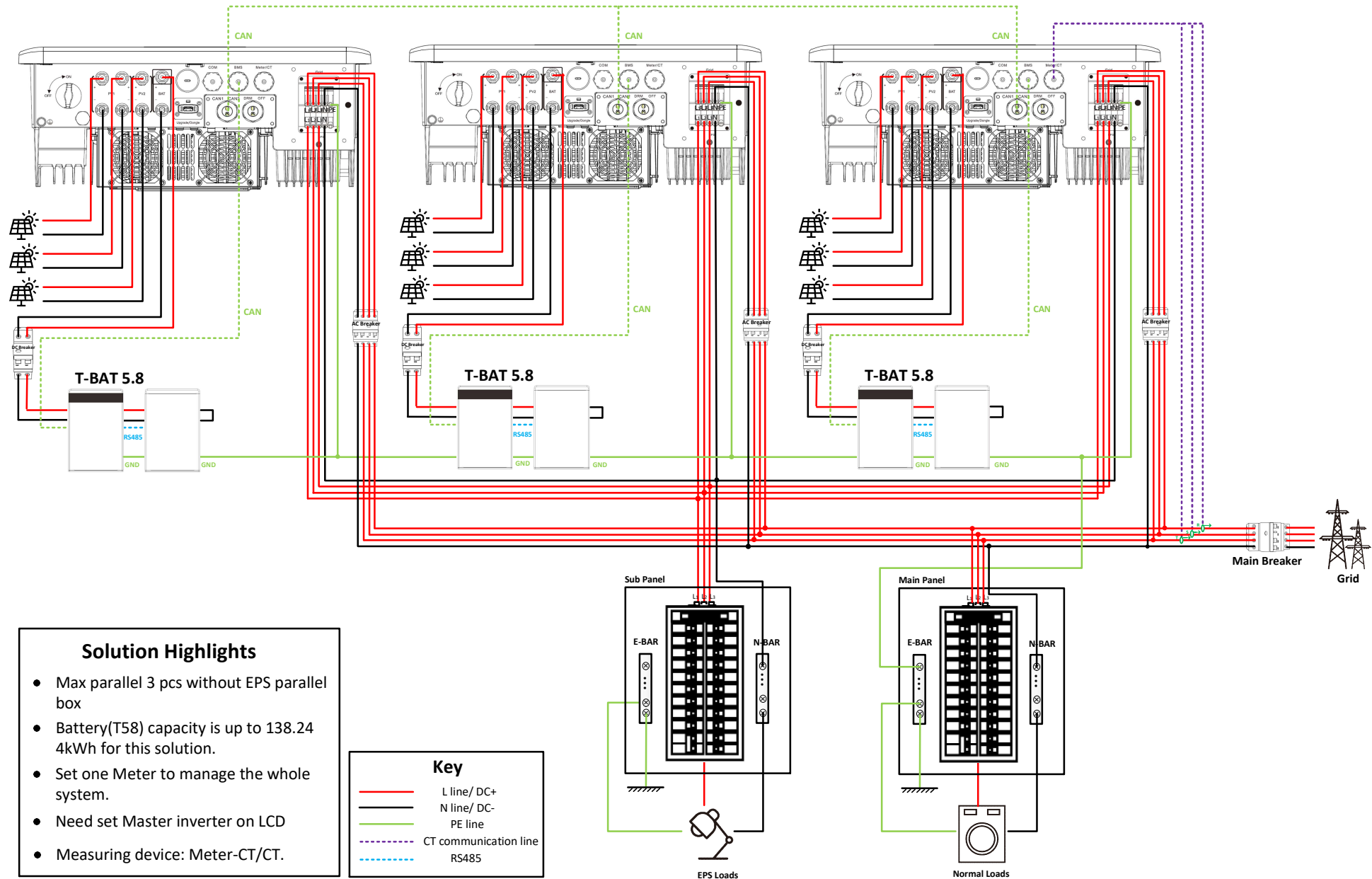


### Solution Highlights

- Enabling intelligent control of heat pumps and EV Charger
- Multi-charging mode available
- EVC Dynamic load balancing function
- Maximize solar self-consumption and reduce electricity bills
- Clean solar energy utilization, 100% green energy for charging cars
- Measuring device: meter/CT (SolaX version)

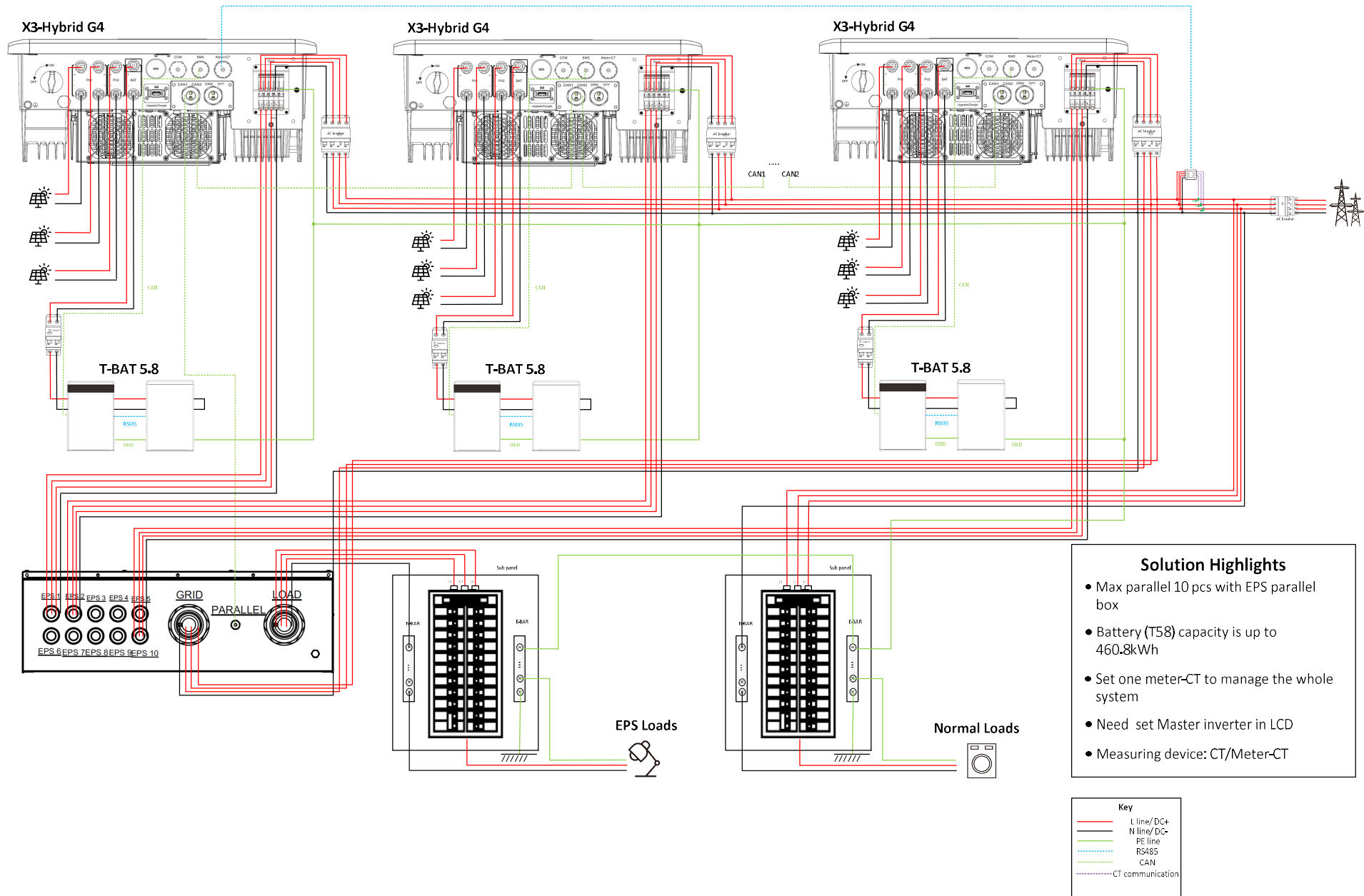
# X3-Hybrid G4 Parallel Solution

—without EPS parallel box

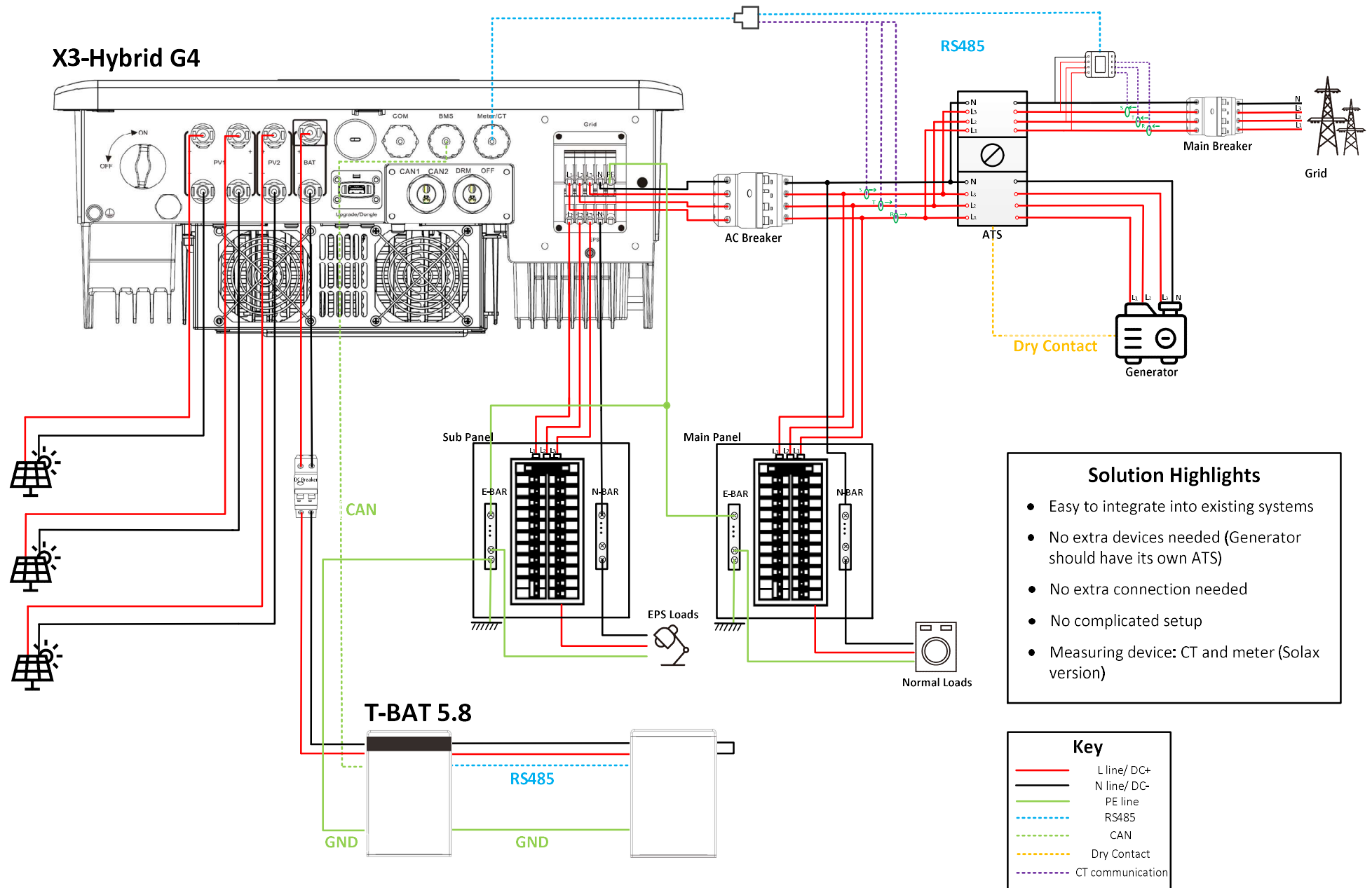


# X3-Hybrid G4 parallel solution

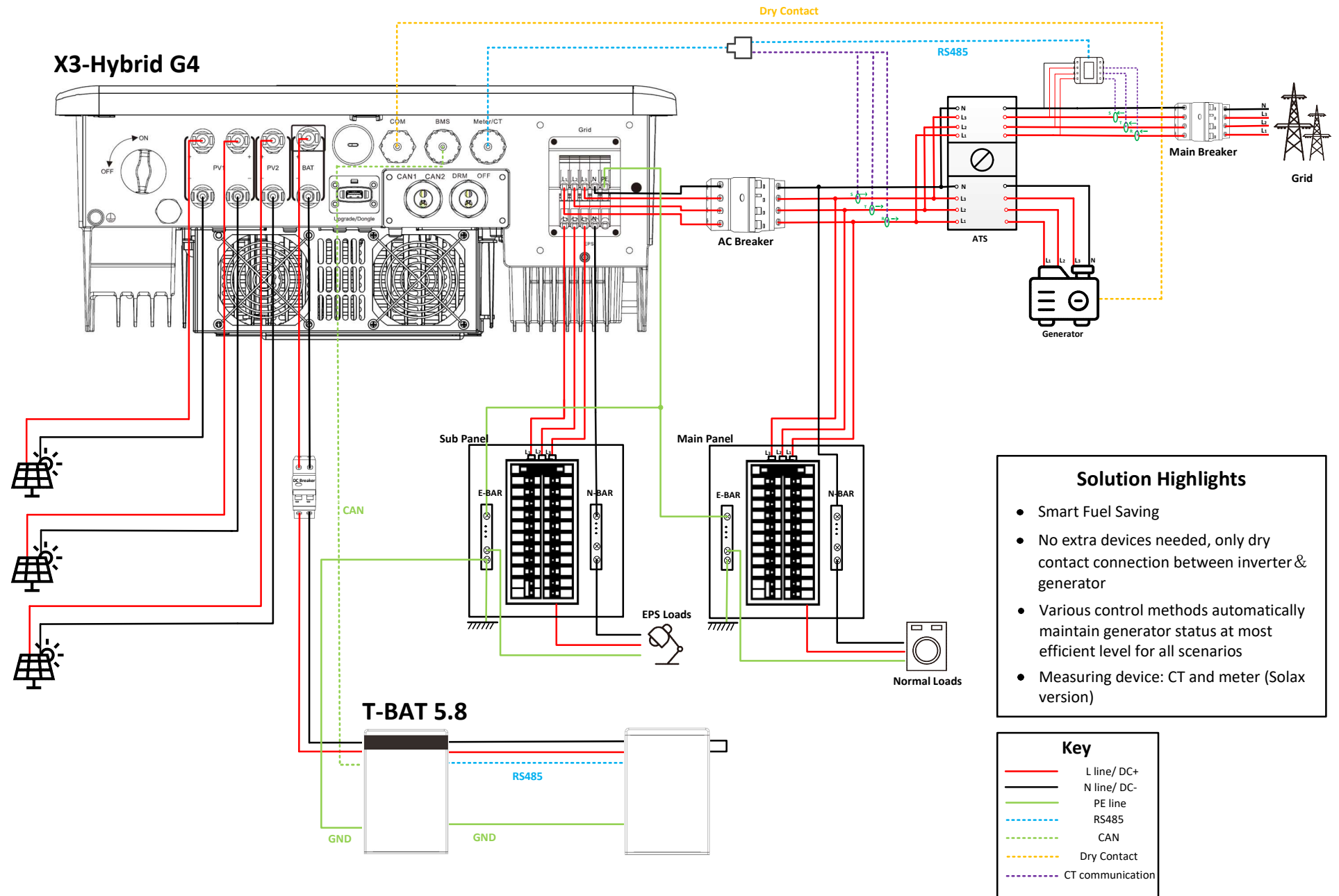
——with EPS parallel box



# X3-Hybrid G4 Generator ATS Solution

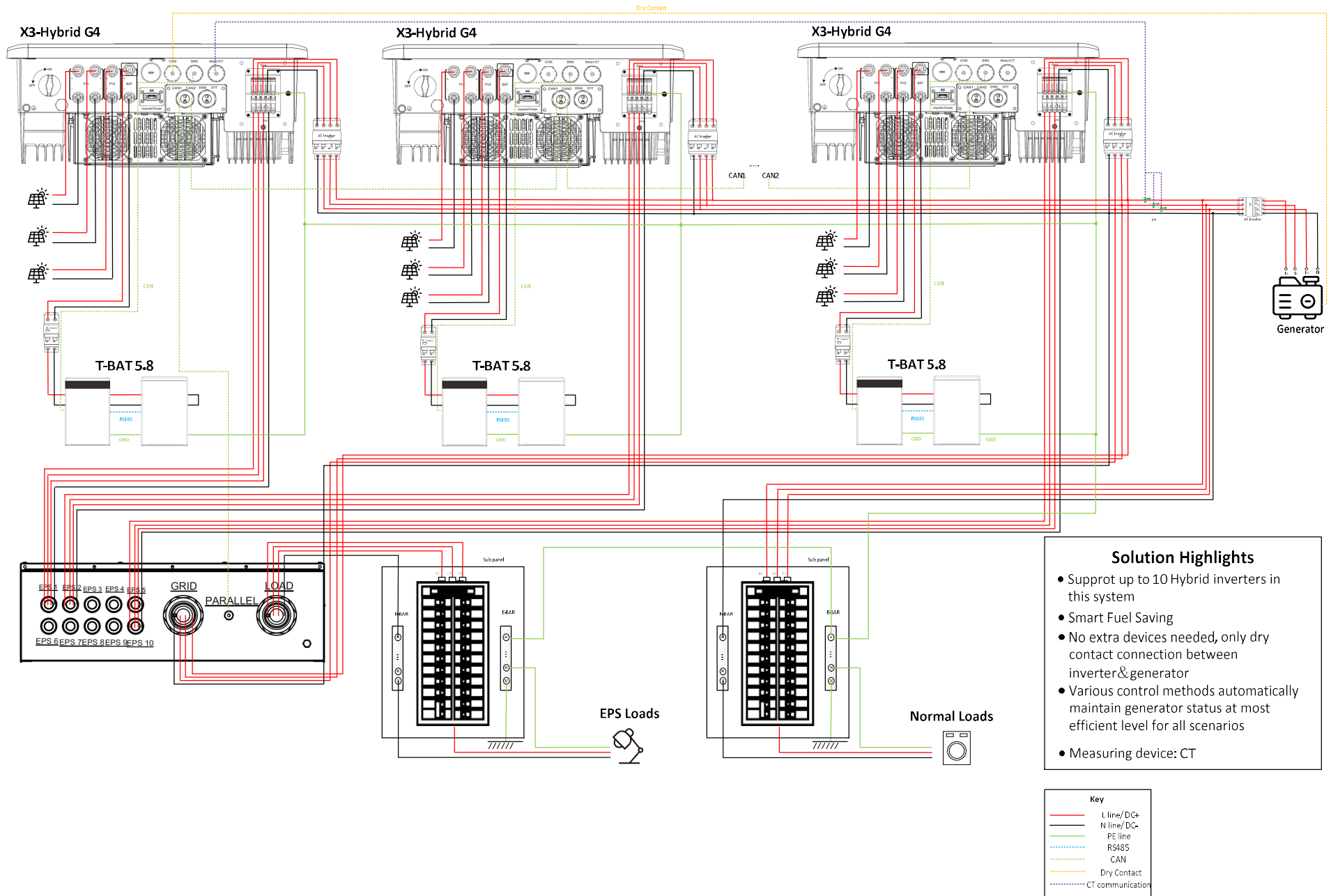


# X3-Hybrid G4 Generator Dry Contact Solution

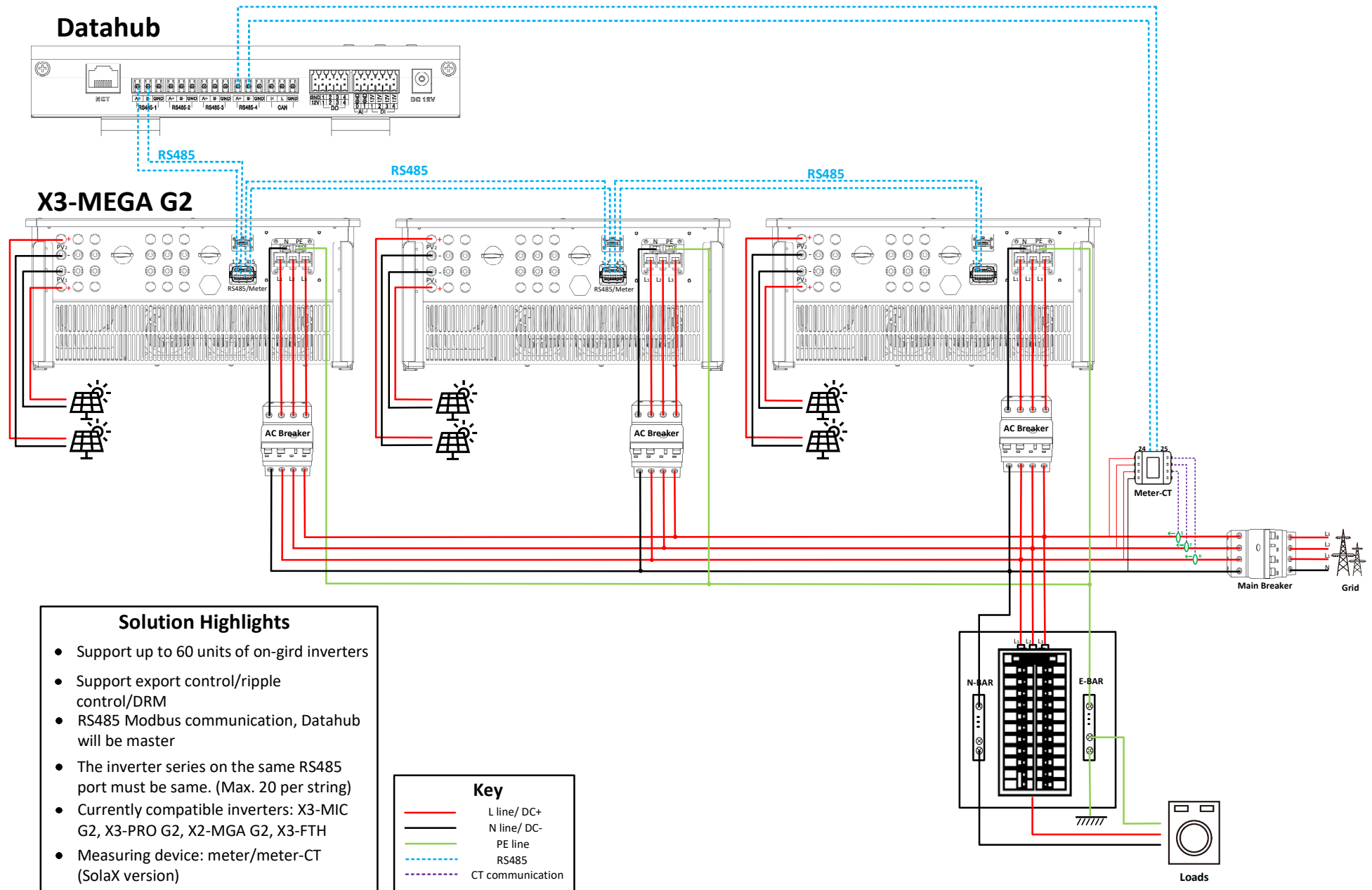


# X3-Hybrid G4 Generator Dry Contact Solution

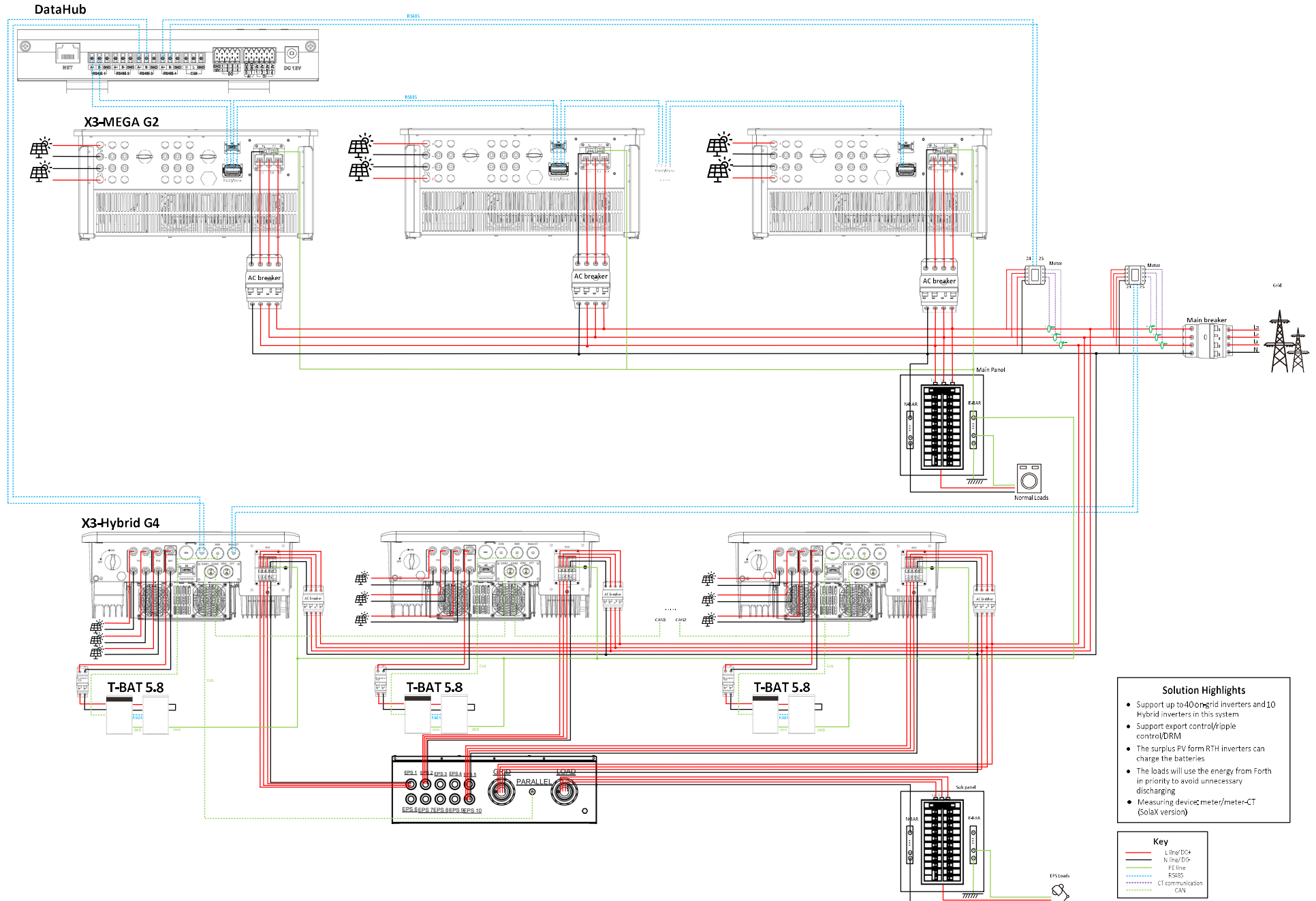
—Parallel Off-grid System



# On-Grid Inverter Parallel Solution



# On-Grid Inverter+Hybrid Inverter Solution



- Solution Highlights**
- Support up to 40 on-grid inverters and 10 Hybrid inverters in this system
  - Support export control/ripple control/DRM
  - The surplus PV from RTH inverters can charge the batteries
  - The loads will use the energy from Forth in priority to avoid unnecessary discharging
  - Measuring device: meter/meter-CT (SolaX version)