



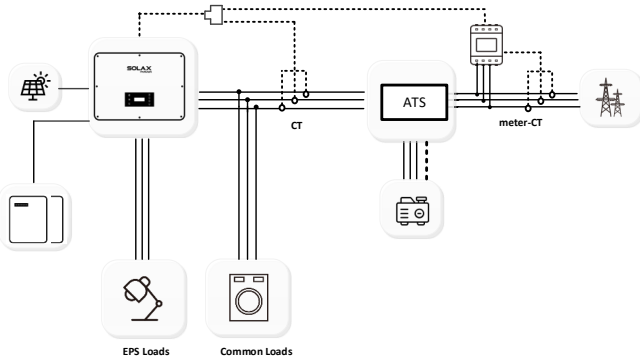
SolaX Solution Diagram

11/10/2024

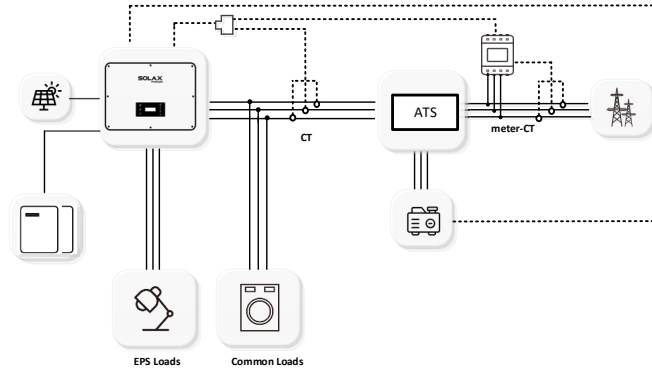
Contents

- X3-Ultra Generator ATS Solution 3
- X3-Ultra Generator Dry Contactor Solution 4
- X3-Ultra parallel solution without EPS parallel box 5
- X3-Ultra AC Coupling without SolaX on-grid INV 6
- X3-Ultra microgrid solution..... 7
- X3-Ultra EPS parallel box..... 8

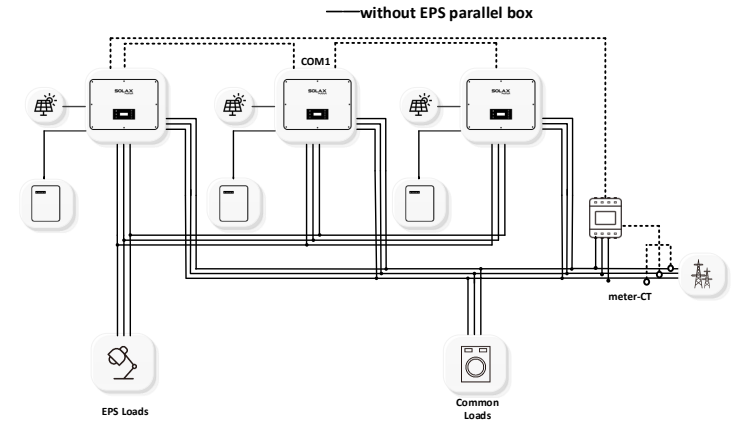
X3-Ultra Generator ATS Solution



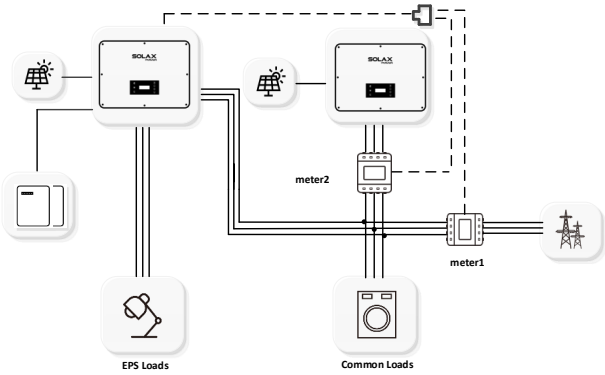
X3-Ultra Generator Dry Contactor Solution



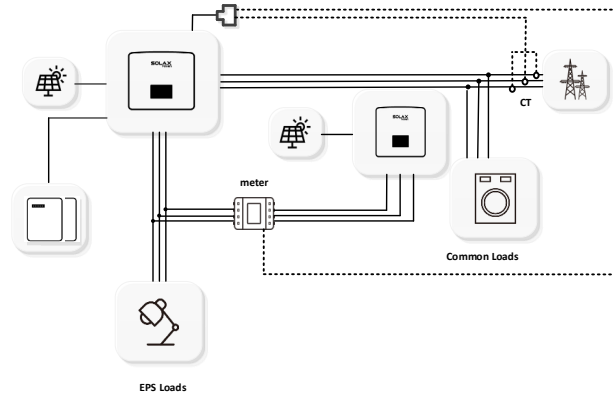
X3-Ultra Parallel Solution



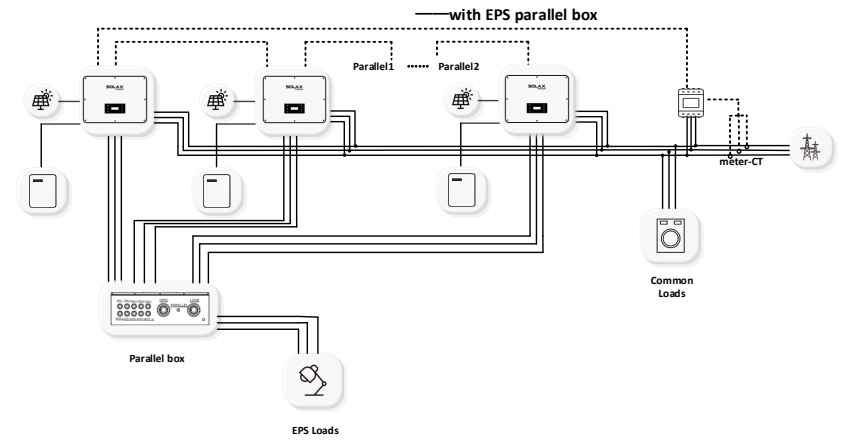
X3-Ultra AC Coupling without SolaX on-grid INV



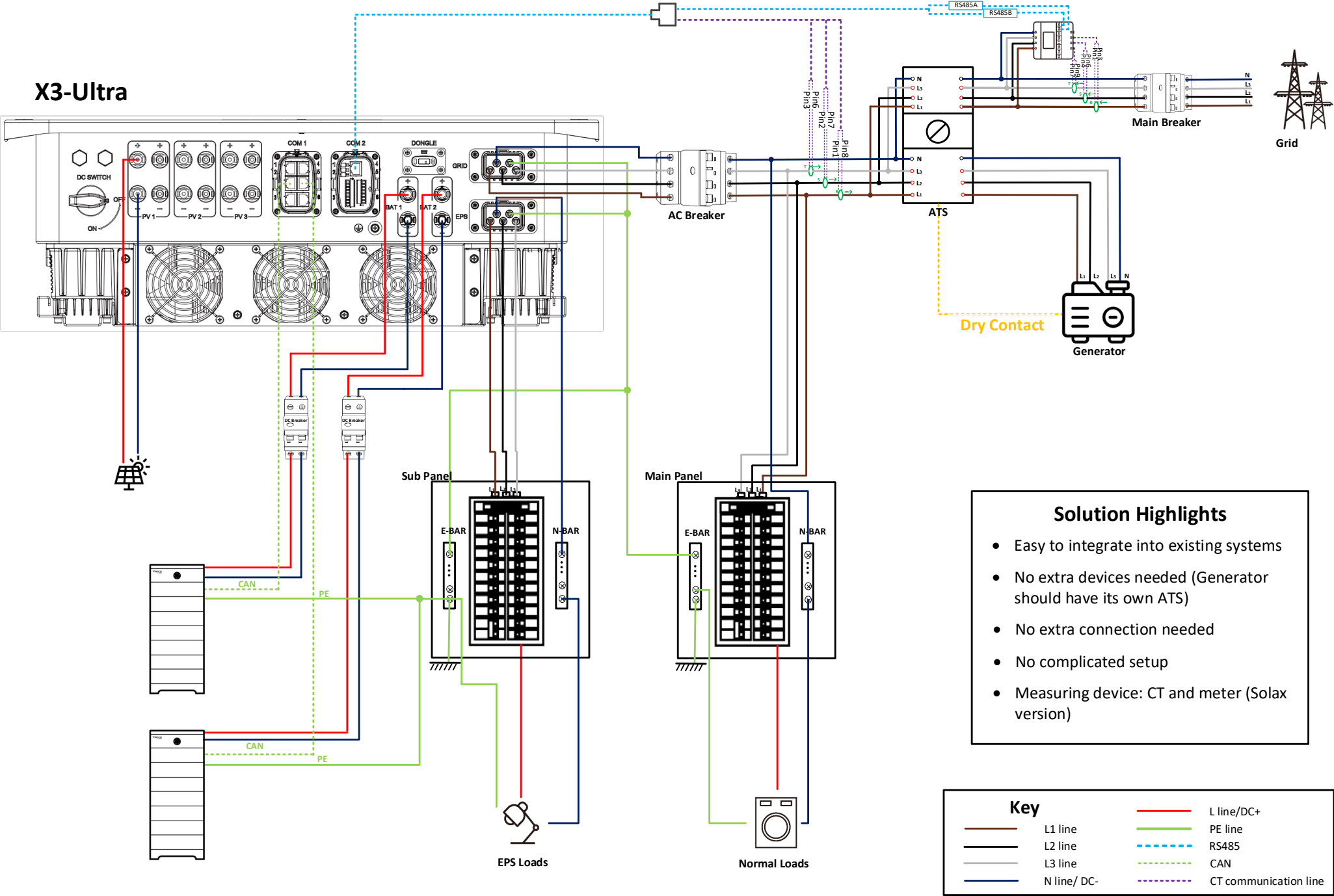
X3-Ultra microgrid solution



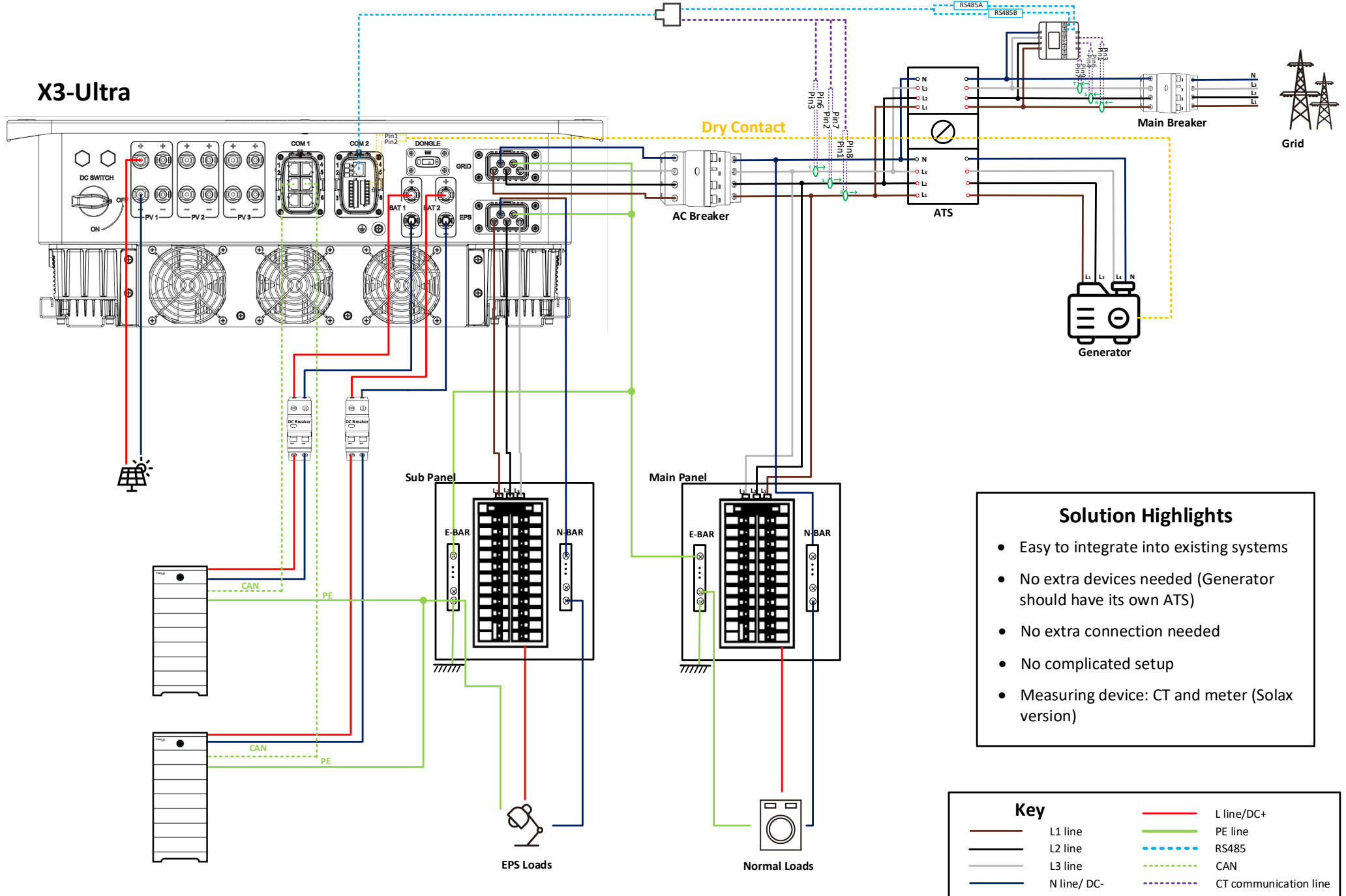
X3-Ultra Parallel Solution



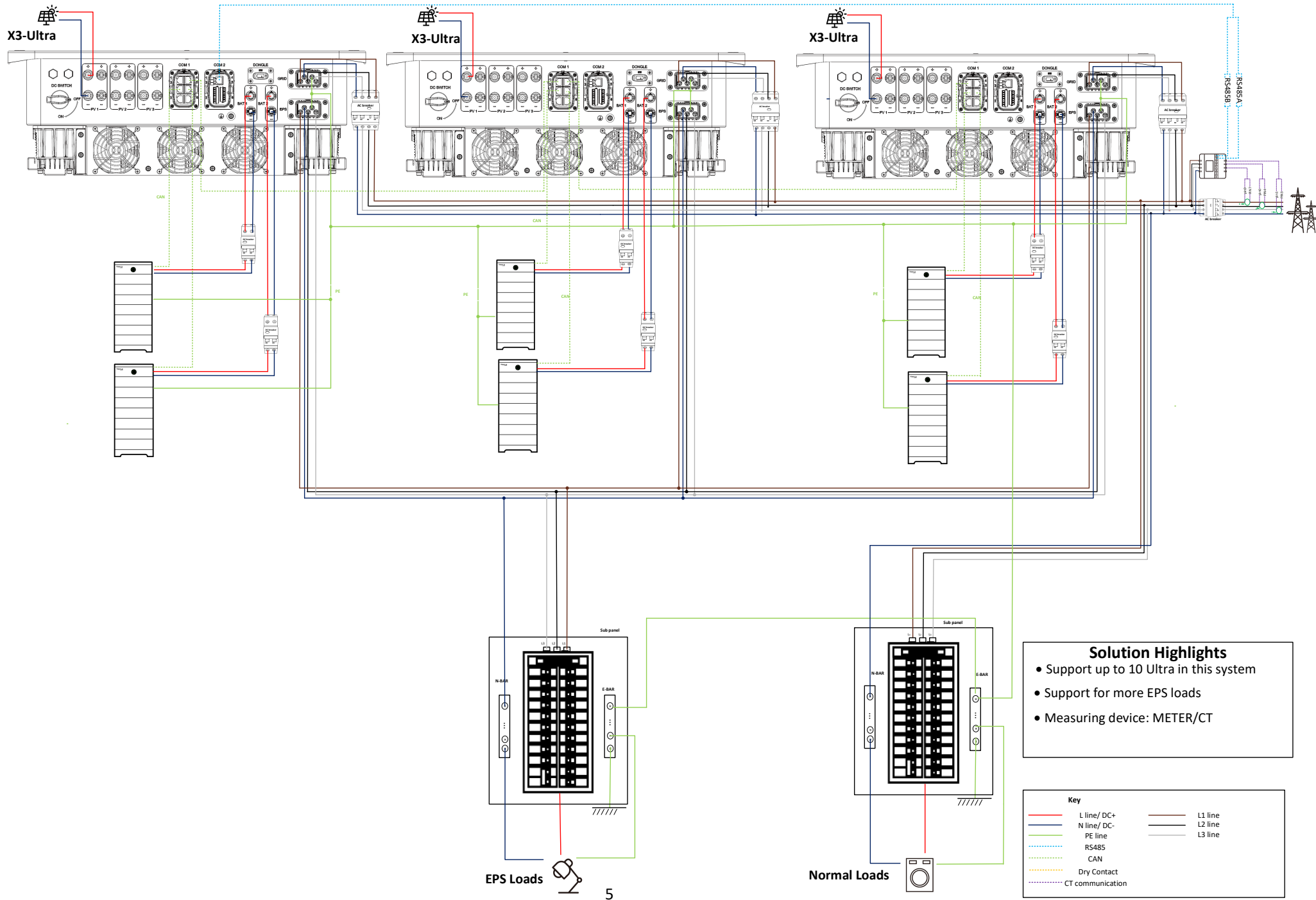
X3-Ultra Generator ATS Solution



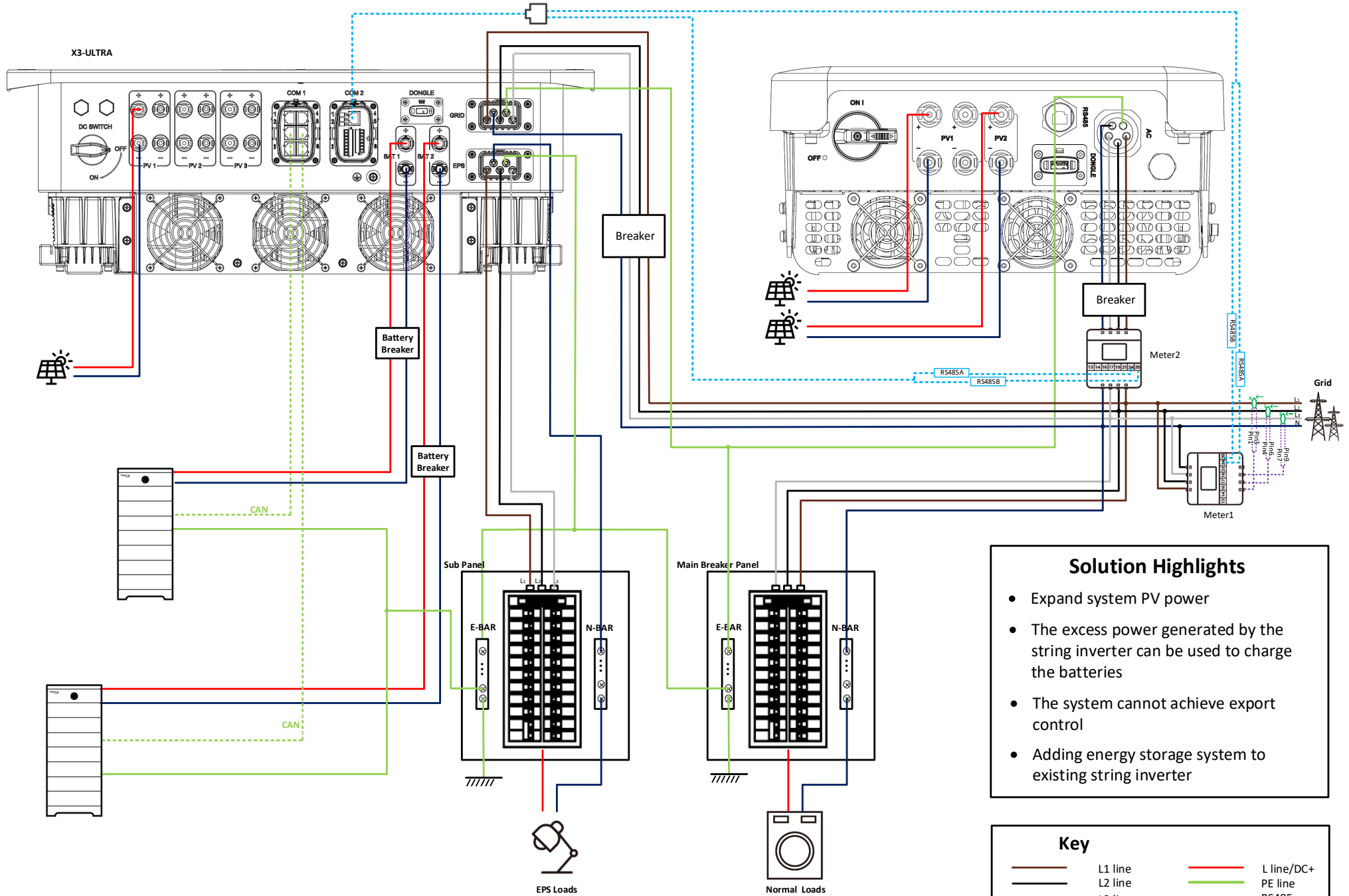
X3-Ultra Generator Dry Contactor Solution



X3-ULTRA parallel solution —without EPS parallel box



X3-Ultra AC Coupling Solution without SolaX On-grid INV

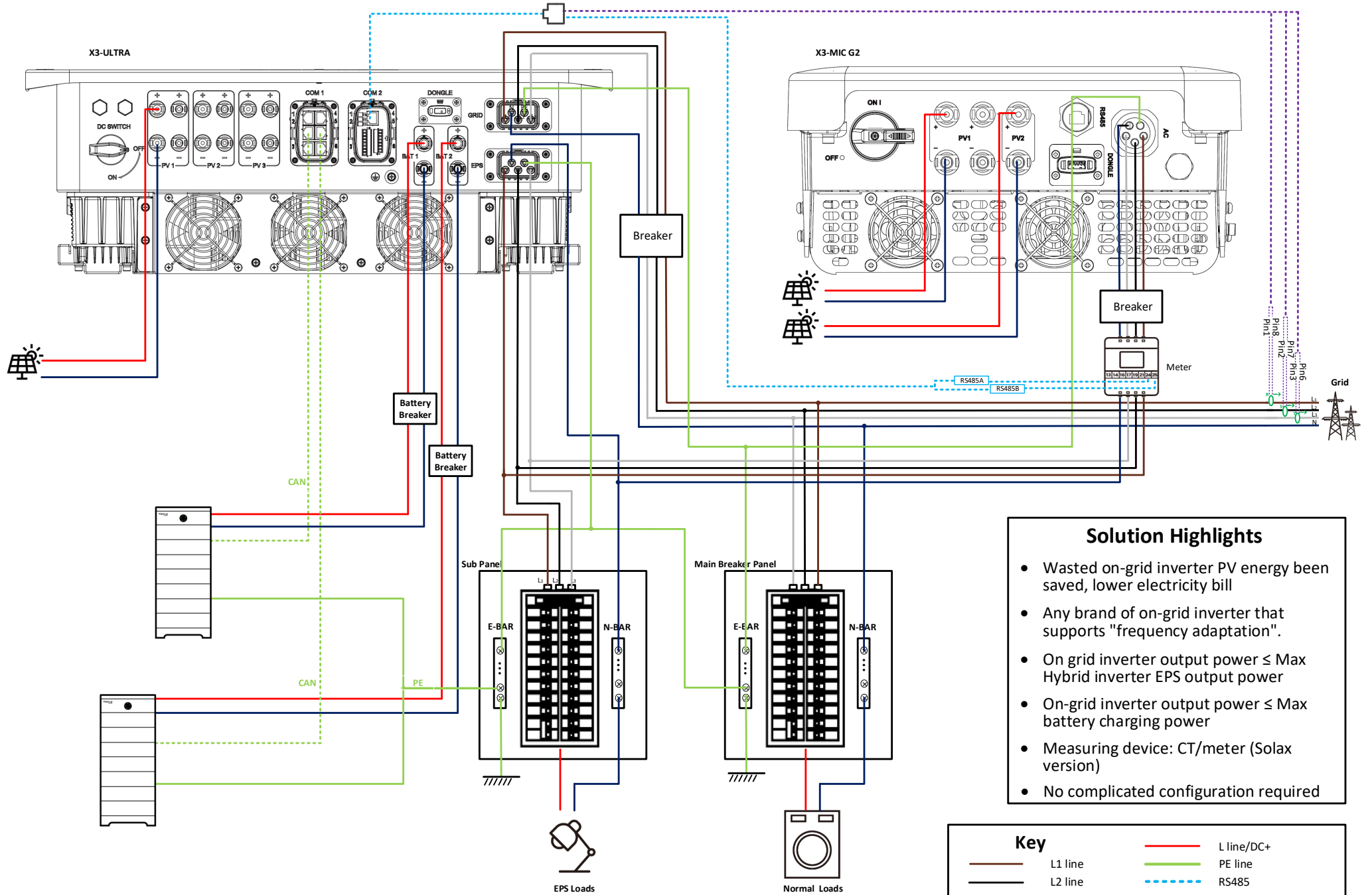


- ### Solution Highlights
- Expand system PV power
 - The excess power generated by the string inverter can be used to charge the batteries
 - The system cannot achieve export control
 - Adding energy storage system to existing string inverter

Key

	L1 line		L line/DC+
	L2 line		PE line
	L3 line		RS485
	N line/DC-		CAN

X3-Ultra Micro Grid Solution



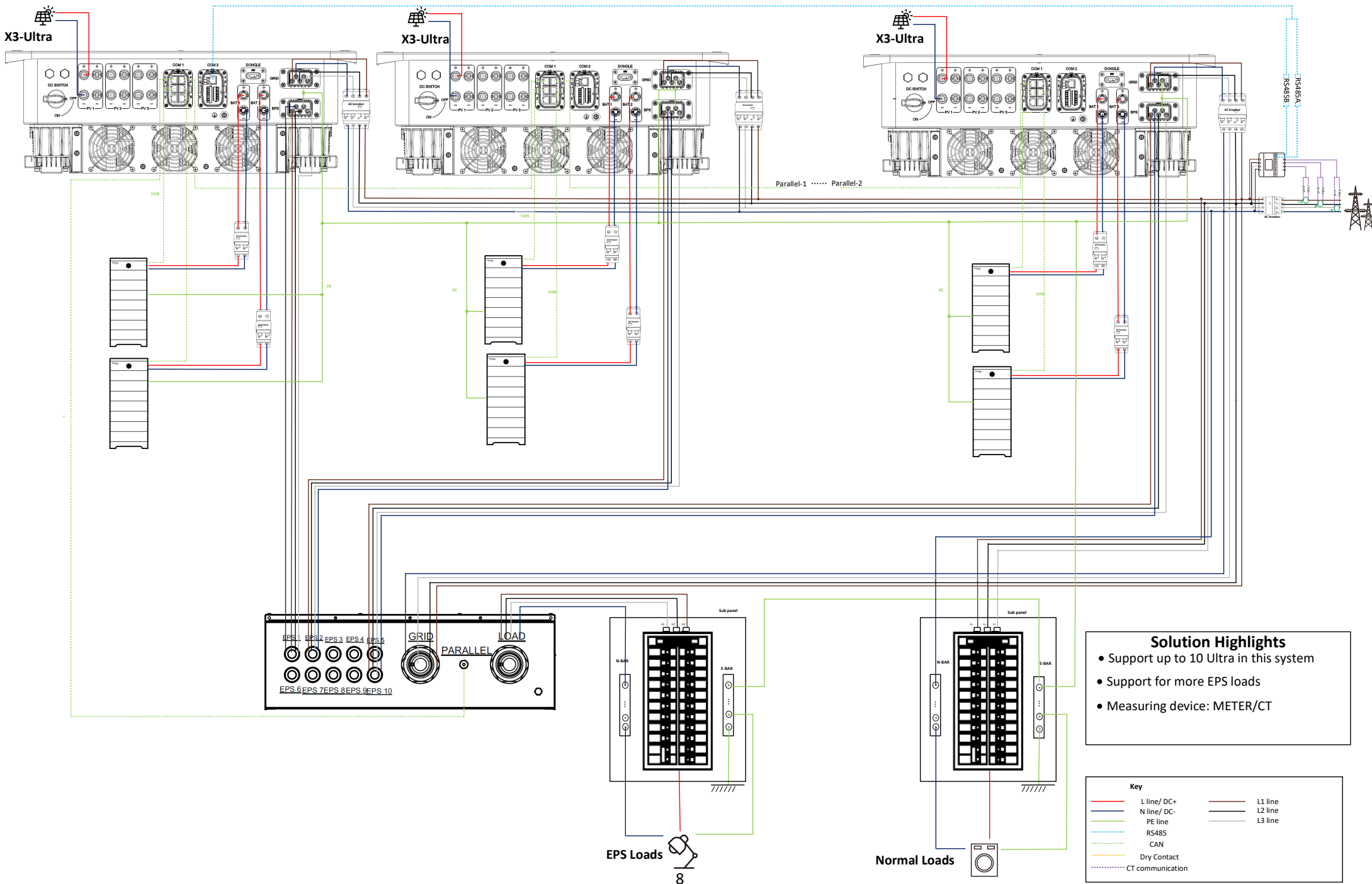
Solution Highlights

- Wasted on-grid inverter PV energy been saved, lower electricity bill
- Any brand of on-grid inverter that supports "frequency adaptation".
- On grid inverter output power \leq Max Hybrid inverter EPS output power
- On-grid inverter output power \leq Max battery charging power
- Measuring device: CT/meter (Solax version)
- No complicated configuration required

Key

	L1 line/DC+		PE line
	L2 line		RS485
	L3 line		CAN
	N line/DC-		CT communication line

X3-ULTRA parallel solution —with EPS parallel box



- Solution Highlights**
- Support up to 10 Ultra in this system
 - Support for more EPS loads
 - Measuring device: METER/CT

Key

— (Red)	L line/ DC+	— (Brown)	L1 line
— (Blue)	N line/ DC-	— (Black)	L2 line
— (Green)	PE line	— (Grey)	L3 line
— (Dotted Blue)	RS485		
— (Dotted Green)	CAN		
— (Dotted Yellow)	Dry Contact		
— (Dotted Purple)	CT communication		