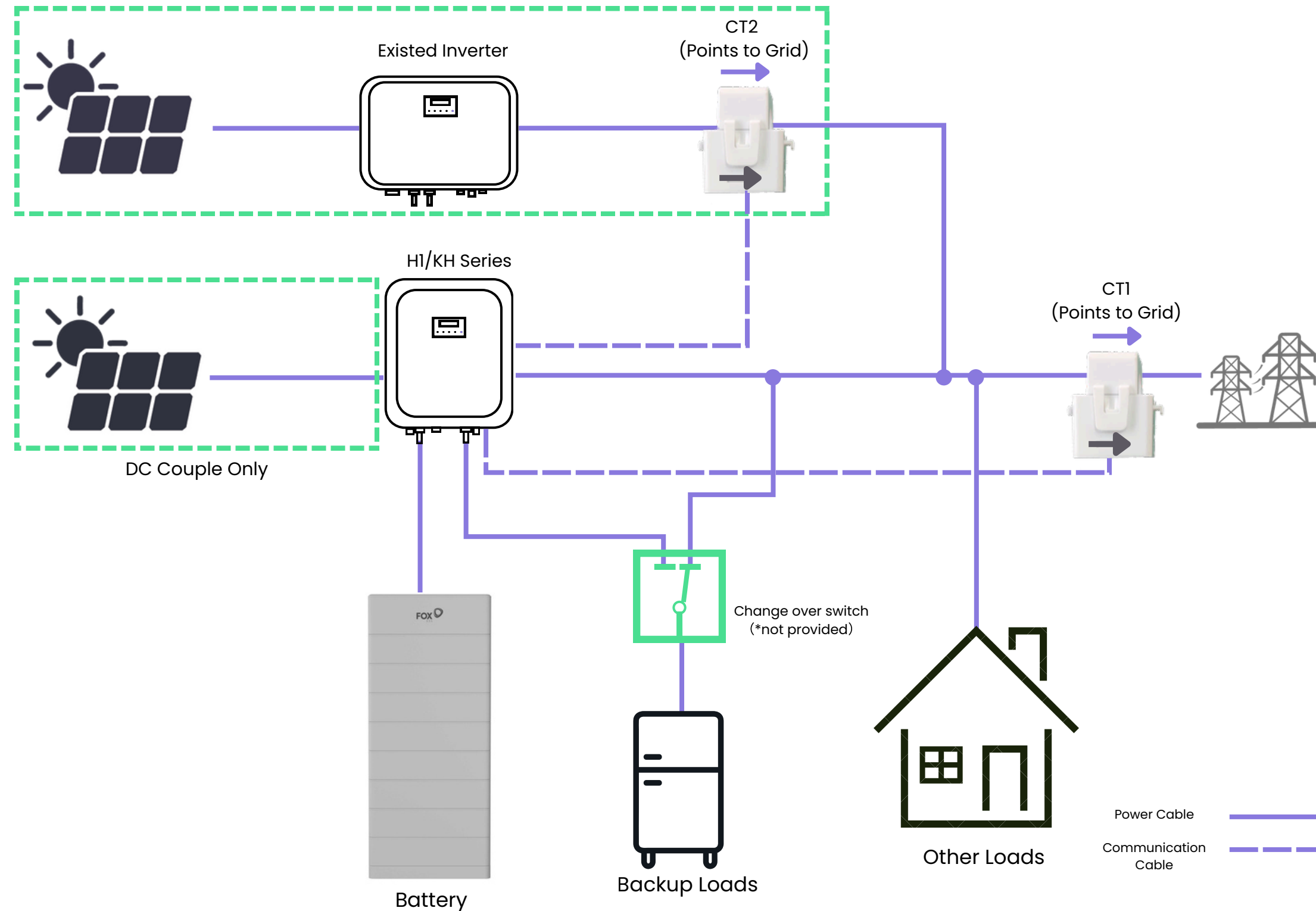


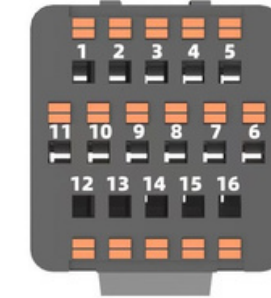
1.1 Recommended Option: Single Phase Site

Single Phase Hybrid Inverter

Solution: H1/KH + 2CTs

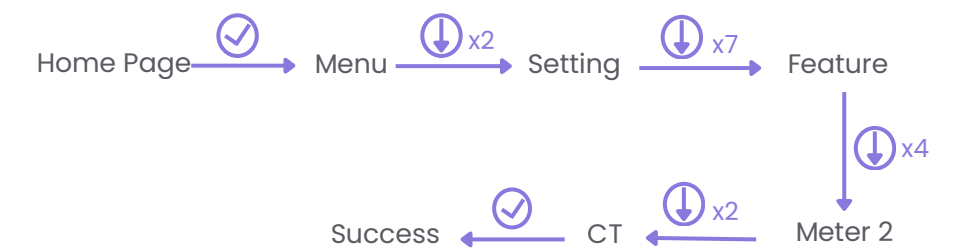
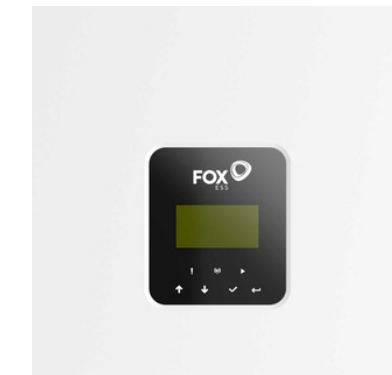


- Comm Port Definition For H1/KH Series



Pin	1	2	3	4	5	6	7	8
Def	Meter 485A	Meter 485B	485B	485A	CT2+ (Red)	CT2- (Black)	CT1- (Black)	CT1+ (Red)

- Enable Meter2 from Display



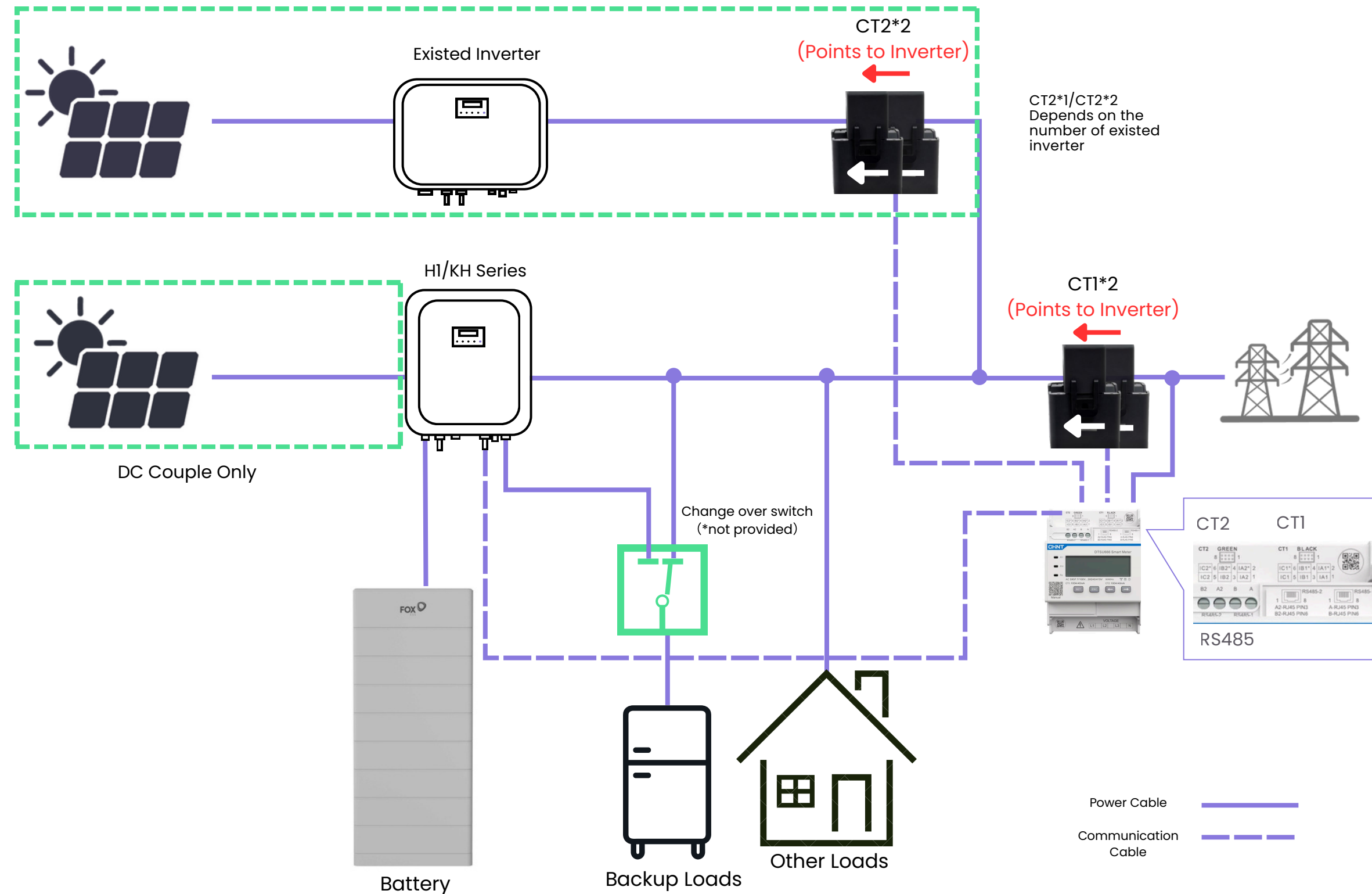
- CT points to Grid

1.2 Recommended Option: Two Phase Site

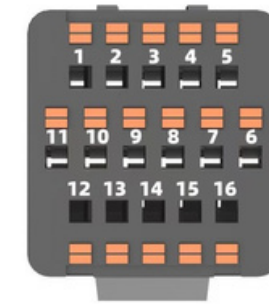
Single Phase Hybrid Inverter

Solution: H1/KH + 6CTs Meter

Meter is connected on L1/L2/N, CT1 should have two clamps on L1/L2 on the grid side, and CT2 should have two clamps on L1/L2 on the existing inverter side.



- Comm Port Definition For H1/KH Series



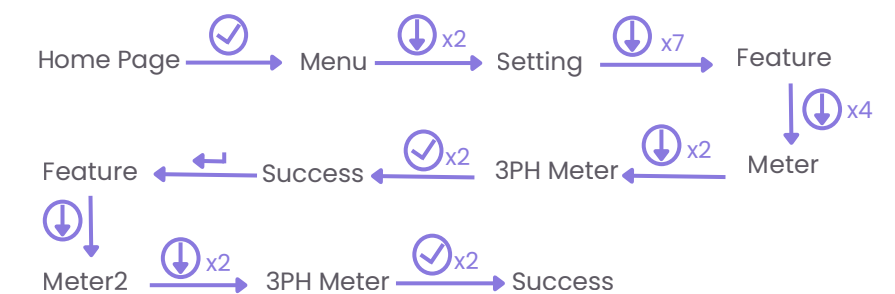
Pin	1	2	3	4	5	6	7	8
Def	Meter 485A	Meter 485B	485B	485A	CT2+	CT2-	CT1-	CT1+

- Enable Meter1&2 from Display



*KH HMI Ver. ≥ 1.49

*H1 HMI Ver. ≥ 1.60



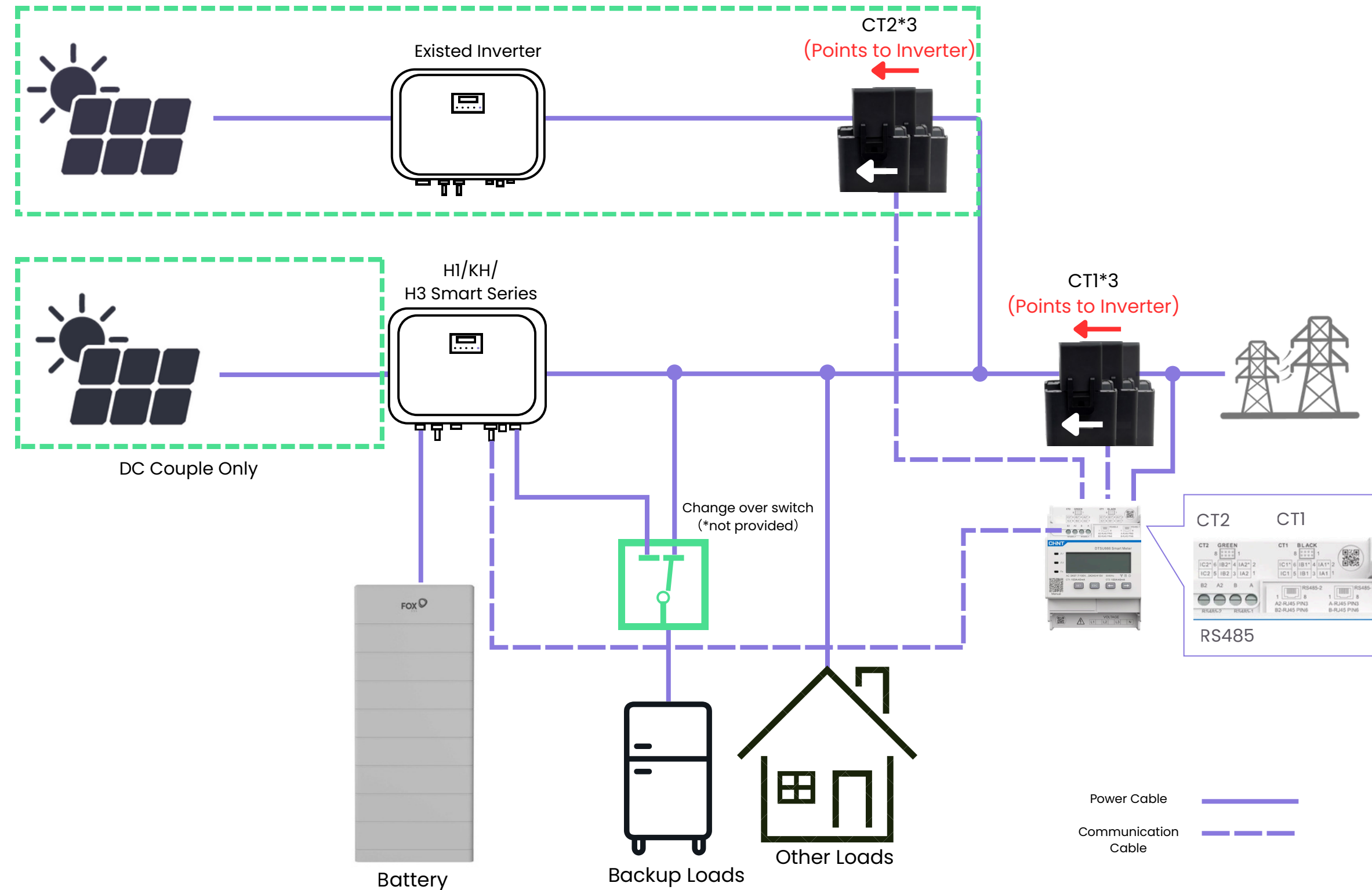
- CT wiring to each phase: L1-Yellow; L2-Green
- CT points to Inverter

1.3 Recommended Option: Three Phase Site

Single/Three Phase Hybrid Inverter

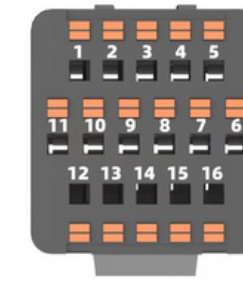
Solution: H1/KH/H3 Smart + 6CTs Meter

Meter is connected on L1/L2/L3/N, CT1 should have two clamps on L1/L2/L3 on the grid side, and CT2 should have two clamps on L1/L2/L3 on the existing inverter side.



- Comm Port Definition

For H1/KH Series:



Pin	1	2	3	4	5	6	7	8
Def	Meter 485A	Meter 485B	485B	485A	CT2+	CT2-	CT1-	CT1+

For H3-Smart Series:



Meter485A: 11
Meter485B: 12

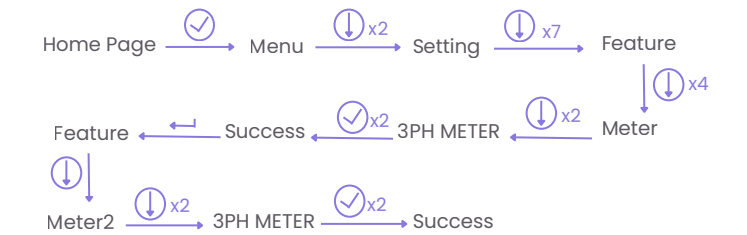
*For both Meter 1 and 2, 485A cables go to pin 11, 485B cables go to pin 12

- Enable Meter from Display

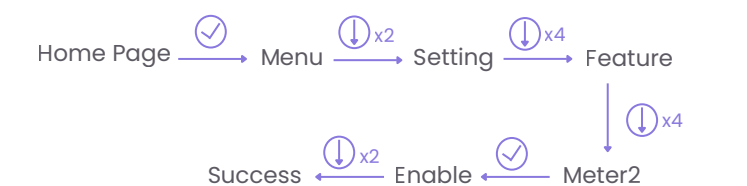


*KH HMI Ver. ≥ 1.49

*H1 HMI Ver. ≥ 1.60



*H3 Smart HMI Ver. ≥ 1.15



- CT wiring to each phase:
L1-Yellow; L2-Green; L3-Red

- CT points to Inverter