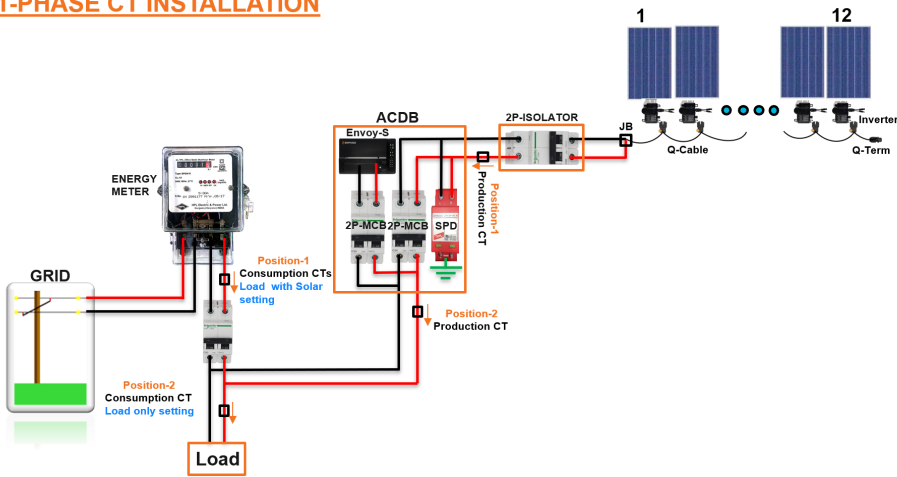
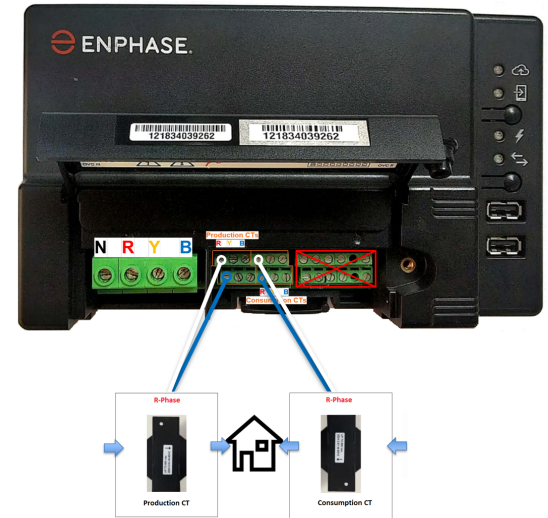


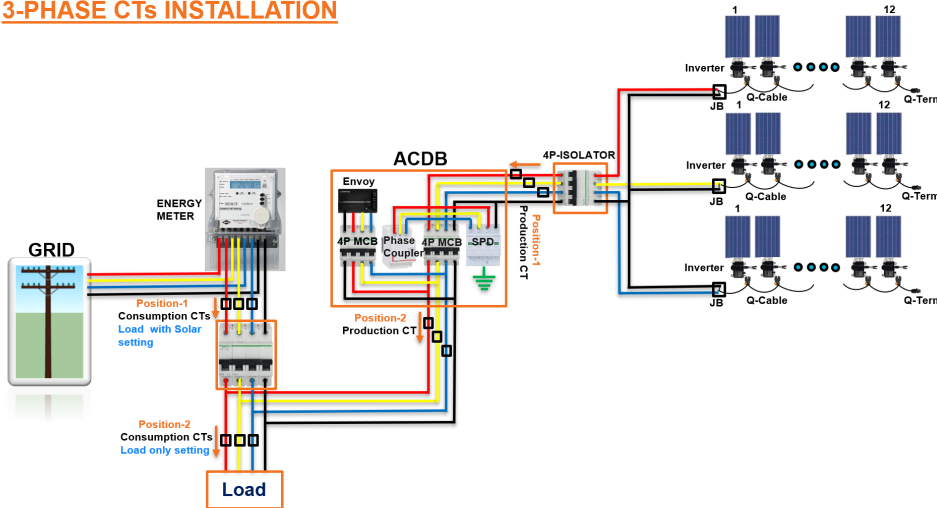
1-PHASE CT INSTALLATION



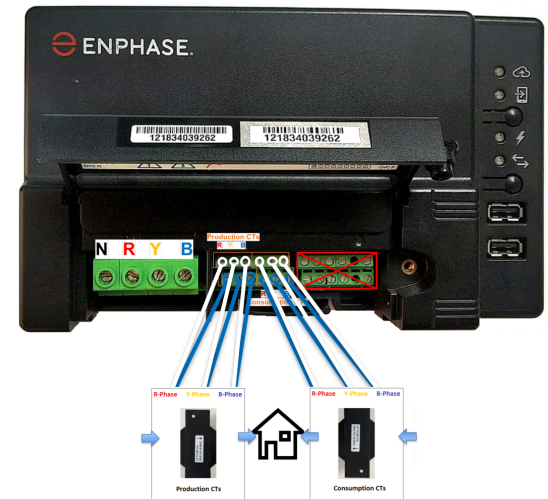
1-PHASE ENVOY & CTs CONNECTION



3-PHASE CTs INSTALLATION



3-PHASE ENVOY & CTs CONNECTION



Dos and Don'ts:

1. There are two Positions for production CT, you can put CT at anyone as per your convenience.
2. There are two positions for consumption CT, you can put CT at anyone as per your convenience but at the time of meter-configuration select the proper meter type (**Load with Solar** or **Load only**) in the **Installer Toolkit App**.
3. There are two wires in each CT and their color is **white & blue**, connect white wire in the upper point and blue in the lower point of the envoy CT's connection point.
4. If consumption CT is installed at position-1 then select "**Load with Solar**" and if Consumption CT is installed at position-2 then select "**Load only**" in **Installer Toolkit App** at the time of commissioning.
5. A three-phase system required three CTs for production and three for consumption, which means a total Six number of CTs.
6. For the 1-Phase system select only "**L1**" for production and consumption in **Installer Toolkit App**.
7. For a 3-phase system select "**L1+L2+L3**" for production and consumption in **Installer Toolkit App**.
8. If you have installed a 1-Phase solar system but want to measure 3-Phase Load (consumption), then please contact the Enphase team.
9. **POLARITY:** CTs have a polarity – Wrong direction = wrong readings!
10. **WIRING:** CTs must be wired correctly – Wrong wiring = wrong readings!
11. **PHASES:** Voltage and current readings from CTs must be on the same phase, Mis-wiring the phases will give you a misreading.

Consumption CT Configuration Type & meter Configuration

Select Consumption CT Location

Phase Count

- L1(A) + L2(B) + L3(C)
- L1(A)**
- L1(A) + L2(B)
- L1(A) + L2(B) + L3(C)

**Production Meter**

Active Power : 213.18 W  
Apparent Power : 233.72 VA

L1(A)	W	VA	A	Vrms	PF
213.18	233.72	1.11	233.42	0.92	

**Consumption Meter**

Active Power : 1.64 kW (Importing from Grid)  
Apparent Power : 1.67 kVA  
Meter Location : Load with Solar

L1(A)	kW	kVA	A	Vrms	PF
1.64	1.67	7.05	233.42	0.98	

**Phase Selected**

Production Meter: L1(A)  
Consumption Meter: L1(A)

Systems Support Feedback Settings