



# C | CT Installation Guide



A CT is connected to a inverter to detect the output current of the inverter and therefore to assist the control of the inveter's export power to grid.

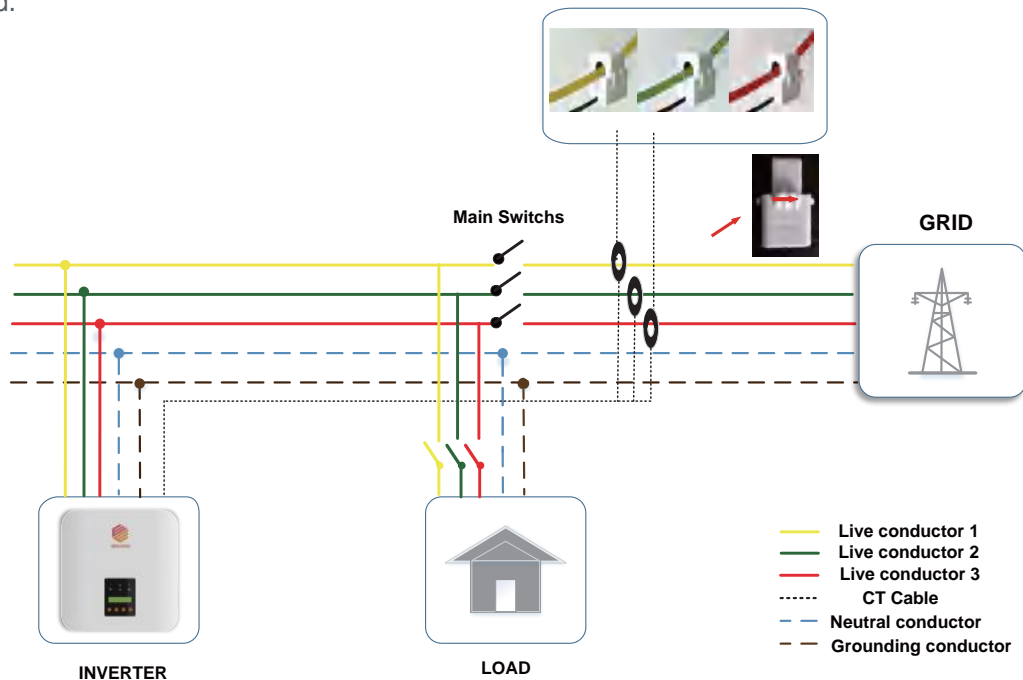


Fig. 1 schematic diagram of a PV system

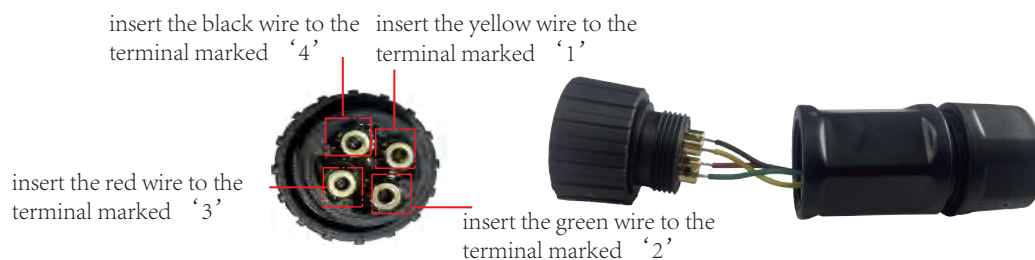
## 1.Installation Steps



### a. CT connector assembly:

- 1) strips off the the insulation of the CT wires about 8 to 10 mm;
- 2) Thread the CT wires through the Nut and the Housing.
- 3)Connect wires to the Terminal Block:

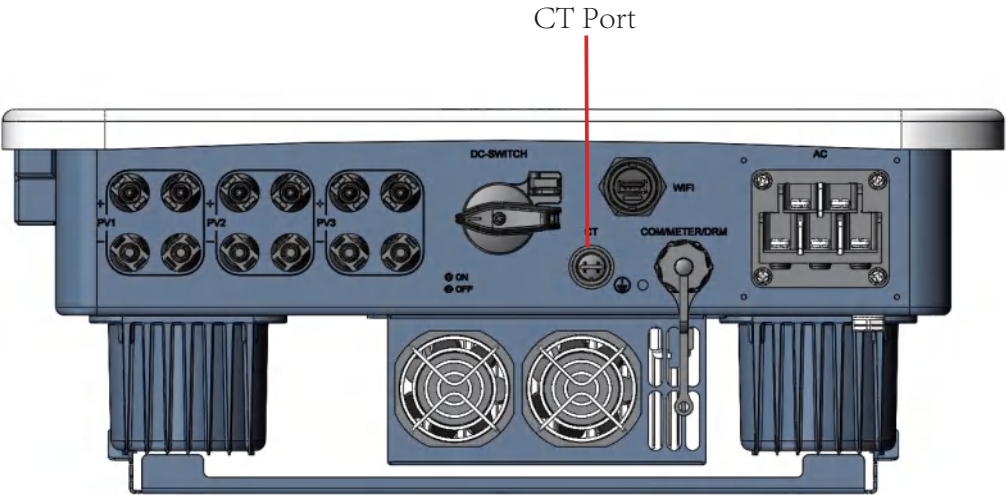
insert the yellow wire L1 to the terminal marked '1', green wire L2 to the terminal marked '2', red wire L3 to the terminal marked '3' and black wire marked '4' ; screw up screws on the terminal block with the L shaped wrench and pull back wires to ensure firm connection.



- 4) Connect the Terminal Block, Housing and the Nut together.

b. Install the CT connector to a inverter

Plug in the CT connector to the inverter, and rotate the terminal block until firm connection.



2.Specifications

Model	CTSA016
Rated Input Current (A)	100
Frequency (Hz)	50 to 1KHz
Highest Voltage for Equipment Um (rms)	≤600Vac
Accuracy Class	0.5
Phase Linearity Error	-15 to 50
Operation Temperature ( ℃ )	≤30°

3. Corresponding AC Plug

