



# M Meter Installation Guide



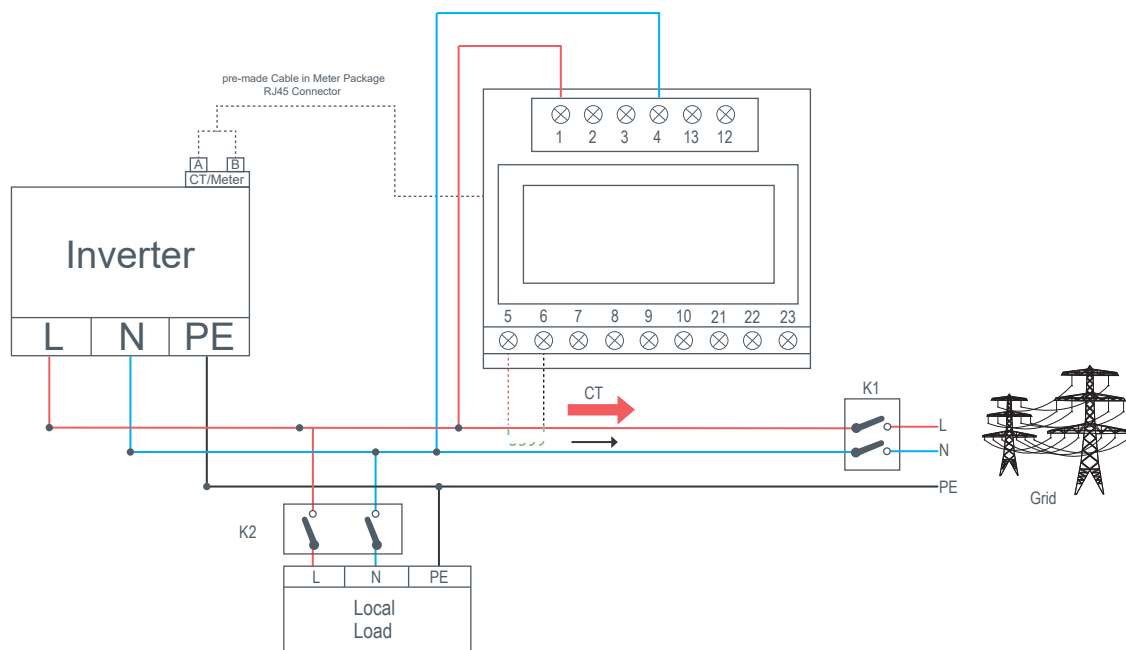
# Product Overview

Meters measure electrical parameters such as current, voltage, active power, reactive power, apparent power, frequency and power factor and communicate with inverters for energy export limit.

## The Single Phase Meter with CT



## System Drawing

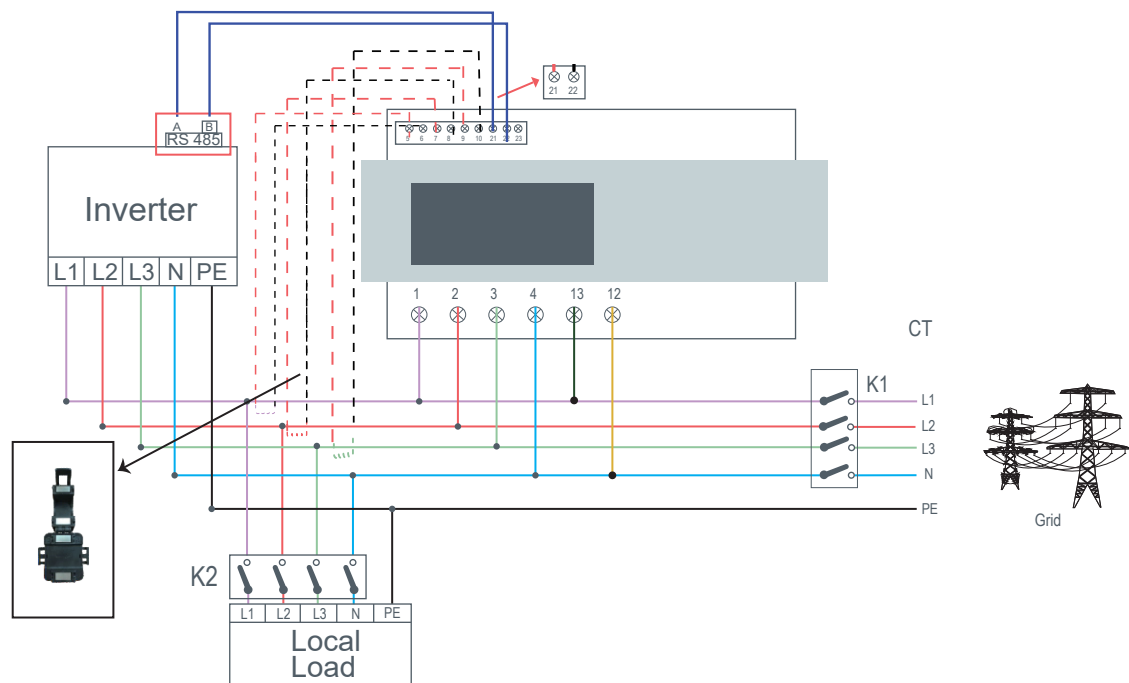


In Australia, South Africa, New Zealand, etc. no need of breaker on neutral line;  
In China, Europe, etc. a breaker is needed on neutral line.

## The Three Phase Meter with CT



## System Drawing



In Australia, South Africa, New Zealand, etc. no need of breaker on neutral line;  
In China, Europe, etc. a breaker is needed on neutral line.



## WARNING

Beware of the risk of electrical shock when operationing on meters!

## Specifications

Model	ACR10R-D16TE	ACR10R-D10TE4
Electrical Parameter		
Grid Type	Single phase	Three phase
Rated Voltage	100V,400V	3*220V/380V,3*230V/400V
Input Current	120A	80A
Frequency/Range	45~65Hz	45~65Hz
Power consumption	≤ 0.2 VA	≤ 0.2 VA
Measuring Accuracy	Voltage : 0.2 Level Current, power, active energy: 0.5 level frequency, reactive energy: 1 level	Reactive Energy 1 Grade  Other Energy 0.5 Grade
General Parameter		
Display	LCD	LCD
Communications	RS485	RS485
Operation Temperature	-10℃ ~ +55℃	-10℃ ~ +55℃
Ambient humidity	5% ~ 95%	5% ~ 95%
Dimension	54*74*85	54*74*85