



Ordinary (Simple-function)
Electricity Meter

Multi-function Electricity
Meter

Smart Electricity Meter

Prepayment Electricity Meter

Automatic Meter Reading
Products

In-home Display Products

Customer Interface Unit
Products

LE34V18CT

Three phase Four Wire CT Smart Meter

The meter is used for commercial and industrial customers. With communication capabilities over GPRS/3G/4G, RF, NB-IoT/LTE-M, Optical, RS485, the meters are aimed to be used for AMI/AMR/AMM and smart grids.

Key Feature

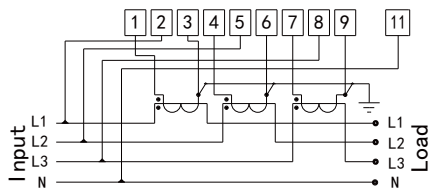
- Complying with MID, IDIS, Rohs, CE certification.
- Complying with multiple communication channels, NB-IoT/LTE-M/GPRS/3G/4G/G3-PLC/RF.
- Secured communication. The connection between master station and data concentrator is encrypted.
- Supporting P1 interface.
- Measurement and calculation of True Total Harmonic Distortion (TTHD).
- Supporting 13 months of billing data.
- Supporting 8 tariffs, 100 special days, 12 season tables, 8 week types, 8 days tables and 12 entries in a day table.

To Optimize Power Grid Value

Technical Specifications

Voltage Ratings	Reference Voltage	3*220/380V~240/415V
	Operating Voltage Range	80%Un~120%Un
	Supply Frequency	50Hz
Current Ratings	Basic Current (Ib)	1A
	Maximum Current (I _{max})	10A
	Starting Current	≤1%I _b
Accuracy		Active Cl.C or Cl.0.5S; Reactive Cl.2
Power Consumption	Voltage Circuit	< 2W/10VA per phase
	Current Circuit	< 1VA per phase
Insulation Strength	AC Voltage Test	4kV during 1min
	Impulse Voltage Test	1.2/50μs mains connections 6kV
Communication Interface		4G/3G/GPRS/G3/RF/NB-IOT+RS485+optical+P1
Temperature	Operation Range	-40°C~70°C
	Limit Range	-40°C~80°C
Protection		Class 2
RTC Accuracy		≤0.5s/d
IP Rating		Ip54 indoor
Service Life		≥15 years

Connection Diagram



Dimensions

