



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

## WLP12SP

### Single-phase Smart Prepayment Meter

The meter for commercial and industrial customers is a Single phase residential meter used in a split prepayment metering system. It complies with STS standard and communicates with a CIU by M-Bus or PLC for energy consumption monitoring and credit charging. STS standard protocol ensure an open an secure system; Optical Communication, DLMS/COSEM At the same me support PLC, MBUS、RS485 and GPRS Internal switch relay support remote control.

#### Key Feature

- Dual-circuits measuring, STS prepayment, LCD display, GPRS/PLC/MBUS/Optical Port/RS485 communication, relay control, an-temper, event record, load profile record etc.

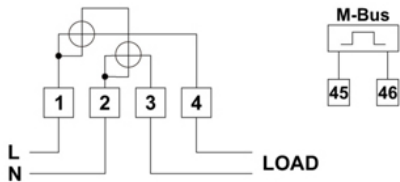
*To Optimize Power Grid Value*



## Technical Specifications

Voltage Ratings	Reference Voltage	240V/400V
	Operating Voltage Range	70%Un~120%Un
	Supply Frequency	50Hz±2%
Current Ratings	Basic Current (Ib)	5A
	Maximum Current (Imax)	60A
	Starting Current	≤4%Ib
Accuracy		Class 1
Power Consumption	Voltage Circuit	≤2W
	Current Circuit	≤1VA
Insulation Strength	AC Voltage Test	4kV during 1min
	Impulse Voltage Test	1.2/50μs mains connections 6kV
Communication Interface		Optical port, GPRS/PLC, M-Bus, RS485
Temperature	Operation Range	-25°C~60°C
	Limit Range	-40°C~70°C
Rate Indicator		1000imp/kWh
RTC Accuracy		≤2s/d
Humidity		≤25%
IP Rating		IP54
Net Weight		1.16kg
Service Life		10 years

## Connection Diagram



## Dimensions

