

AMI Solution Products

SEM400 Single Phase Prepayment Meter

Overview

Friendcom SEM400 is designed based on IEC62052-11, IEC62053-21/23. The prepayment function comply with STS. It is widely used in the scenarios of residential consumption and photovoltaic power sales.

Key Features

- Work in prepayment mode
- 12 digit keypad
- Import and export active & reactive energy
- Four-quadrant reactive energy
- Support over 5 tariffs
- Phase and neutral measurement
- Harmonic measurement function
- Disconnect/connect both on phase and neutral
- Support Anti-tamper function
- Infrared and RS485 communication interfaces
- Exchangeable plug-play PLC, RF and cellular communication
- Exchangeable battery
- High security (DLMS security suite 0)
- DLMS conformance
- STS certificate



Technical Parameters

Parameter	Value
Connection	1 phase 2 wire
Sensor (S) Numbers	2S (Both on phase and neutral)
Relay (R) Numbers	2R(Both on phase and neutral)
Rated Voltage	230 V
Rated Current	5 (60) A
Starting Current	0.002Ib
Frequency	50 Hz
Active Energy Accuracy Class	1
Reactive Energy Accuracy Class	2
Protection Ingress	IP54
Power Consumption:	
- Voltage Circuit:	2W and 10VA
- Current Circuit:	4 VA
Two-way Communication Port	General slot
Dimension(L×W×H)	302.8*158*82.8mm