

AMI Solution Products

TEM660 Three Phase Smart Meter

Overview

Friendcom TEM660 three phase smart energy meter is certificated with DLMS/COSEM, it provides an excellent and stable accuracy and performance. The plug-and-play communication module can be PLC/RF/Cellular, so the meter can be managed remotely by HES.



Key Features

Parameter	Value
Measurement unit	Import/export active, quadrant reactive energy, combined active/reactive energy
	Active/reactive energy in T1-T4, total energy
	Phase A/B/C energy, voltage, current, power, frequency etc.
Demand	Import/export active/reactive demand event and stamp
	The demand calculation supports block and sliding-window mode, the slip period is configurable
Tariff & TOU	4 tariffs, support special tariff setting in holiday and weekend
Communication	The physical layer of the communication channel is independent of each other, and the damage of any one doesn't affect the normal operation of others (RS485 communication, Optical port, PLC, micro-power wireless, GPRS).

Technical parameter

Parameter	Value
Standard	IEC62052-11, IEC62053-21, IEC62053-23, IEC62055-31, EN50470-1, EN50470-3, IEC 62058-31, BS 7856, IEC62056-21, IEC62056-53
voltage	3* 230 / 400 V
Operating Voltage	70%Un ~130%Un
Accuracy	Class 1 / Class 2(IEC), Class B(MID)
Frequency	(50±2.5)Hz
Operating Temperature	-25°C~+55°C
Limiting Temperature	-40°C~+70°C
Relative Humidity	≤95%
Current	0.25-0.5(100)A
Start Current	0.4%Ib
Creeping Current	Anti-creep design
Lifetime	≥15 years
Dimension(L×W×H)	300.5mm×175.0mm×92.0mm