

[Manuals.plus](#) /

› [Fockety](#) /

› Fockety 3 Phase Din Rail Smart Energy Meter User Manual

Fockety Focketygudk30n67r

Fockety 3 Phase Din Rail Smart Energy Meter User Manual

Model: Focketygudk30n67r

INTRODUCTION

The Fockety 3 Phase Din Rail Smart Energy Meter is an advanced home energy monitoring device designed for efficient management of electrical parameters. This meter provides real-time data on 3 phase voltage, current, power factor, and frequency, offering a comprehensive overview of your energy consumption. It integrates seamlessly with the Tuya App for remote control and monitoring, and features robust protection functions against overvoltage, undervoltage, overload, and more, ensuring the safety and longevity of your electrical equipment.

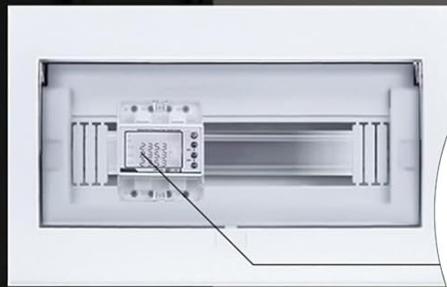


Front view of the Fockety 3 Phase Din Rail Smart Energy Meter, displaying its LCD screen and control interface.

KEY FEATURES

- **Smart Electricity Monitoring:** LCD display for real-time monitoring of 3 phase voltage, current, power factor, and frequency.
- **Tuya App Integration:** Track real-time data and control the device remotely via the Tuya App.
- **Remote Control and Timer Setting:** Intelligently control connected devices with app-based timing functions for automated on/off schedules.
- **Comprehensive Protection:** Provides surge protection, undervoltage protection, overload protection, undercurrent protection, voltage imbalance, current imbalance, and phase loss detection.
- **Error Recording:** Records various errors including overvoltage, undervoltage, overload, micro current, voltage imbalance, current imbalance, and phase loss.
- **Automatic Recovery:** Configurable auto-recovery settings for protection functions.
- **High Quality Construction:** Made from PC flame retardant material for anti-electromagnetic interference, high overload capacity, and stability.

1 style is enough More complete functions



Timer



Over and under
voltage protector



Circuit breaker



Kilowatt hour meter



Temperature controller



Remote
control switch



Voltmeter



Amperemeter



Contactor



Thermal relay



Wattmeter



Missing phase protector



Three phase four wire unbalance protector

The smart energy meter consolidates functions of multiple traditional electrical devices.

SETUP AND INSTALLATION

The Fockety Smart Energy Meter is designed for convenient DIN rail mounting. Ensure all power is disconnected before beginning installation.

DIN Rail Mounting

The meter features a spring-loaded clip on the back for easy attachment to a standard DIN rail. Simply align the meter with the rail and press firmly until it clicks into place.

Rail mounting

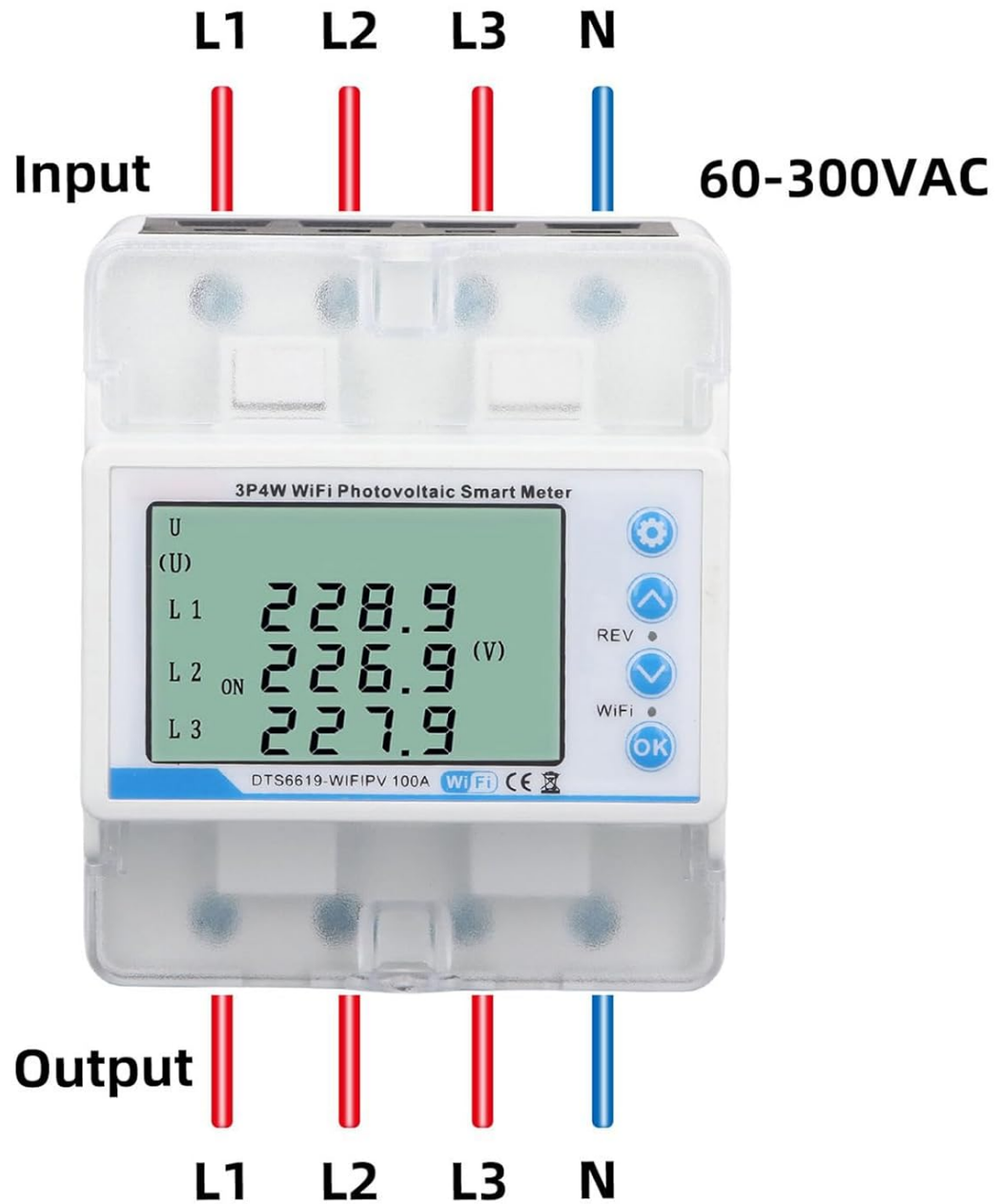
Fast and convenient



Rear view showing the DIN rail mounting clip for fast and convenient installation.

Wiring Connections

Connect the three-phase power supply and load according to the diagram below. Ensure correct phase (L1, L2, L3) and neutral (N) connections for both input and output terminals. The meter supports 60-300VAC input.



Detailed wiring diagram for input and output connections.

After wiring, securely fasten all terminal screws. Double-check all connections before restoring power.

OPERATING INSTRUCTIONS

LCD Display and Buttons

The meter features a super large LCD screen that displays various electrical parameters. Use the physical buttons (Up, Down, OK, Settings) to navigate through menus and adjust settings directly on the device.

Super large LCD screen

With adjustable physical buttons



Close-up of the LCD screen and control buttons.

Tuya App Control

For advanced monitoring and remote control, download the Tuya App on your smartphone. Follow the app's instructions to pair your device. Once connected, you can:

- Monitor real-time voltage, current, and power data from anywhere.
- Set timing functions to automatically turn connected devices on or off.
- View historical energy consumption data.
- Adjust protection thresholds and enable/disable auto-recovery.

Strategiously strategify Anytime, anywhere monitoring

Threshold or switch can be set remotely from the mobile phone at any time when you are out of house



Remote monitoring and control via the Tuya App.

MAINTENANCE

The Fockety Smart Energy Meter requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Do not use abrasive cleaners or solvents.
- Ensure the operating environment is within the specified temperature and humidity ranges.
- Regularly check wiring connections for tightness to prevent loose contacts.

TROUBLESHOOTING

The smart energy meter is equipped with various protection functions to safeguard your electrical system. If the power supply is interrupted or an error is indicated on the display, refer to the following:

- **Power Interruption:** If the device cuts power, check the LCD for error messages such as overvoltage, undervoltage, overload, or phase loss.
- **Overvoltage/Undervoltage:** The meter will automatically cut power if voltage exceeds or falls below set thresholds. Check your power supply. If the issue persists, consult a qualified electrician.
- **Overload/Undercurrent:** If current exceeds or falls below set limits, the device will trip. Reduce the load or check for wiring issues.
- **Voltage/Current Imbalance or Phase Loss:** These indicate issues with the three-phase supply. Immediate power cut prevents damage. Contact your power provider or an electrician.
- **No Display/No Power:** Ensure the meter is correctly wired and power is supplied to the input terminals. Check circuit breakers upstream.
- **App Connectivity Issues:** Ensure your Wi-Fi network is active and the meter is within range. Restart the meter and your smartphone, then attempt to re-pair via the Tuya App.

For persistent issues not covered here, please contact customer support.

SPECIFICATIONS

Parameter	Value
Brand	Fockety
Model Number	Focketygudk30n67r
Measurement Type	Multifunction Electrical Meter
Min. Operating Voltage	60 Volts
Max. Operating Voltage	300 Volts
Max. Current	100 Amperes
Power Source	Corded Electric
Upper Temperature Rating	60 Degrees Celsius
Package Dimensions	4.57 x 3.86 x 3.43 inches; 1.06 Pounds
Date First Available	March 26, 2024



Product dimensions for installation planning.

WARRANTY AND SUPPORT

This Fockety Smart Energy Meter comes with a 24-month warranty from the date of purchase, ensuring quality and reliability. In case of any manufacturing defects or operational issues within this period, you are eligible for a replacement or refund. For technical support, warranty claims, or any questions regarding your product, please contact our customer service team. Refer to your purchase documentation for specific contact details or visit the official Fockety website.