FernMeter

Empower asset managers, system operators, and consultants with FernMeter, the versatile data logger designed to measure consumption across various applications. From monitoring small PV systems to performing energy audits through load curve analysis, FernMeter ensures accurate insights for optimized decision-making.

FEATURES

- Measures kWh, kVarh, kW, KVar, KVA, KVA, Hz, dmd, V, A, etc
- Bi-directional measurement (IMP & EXP) for comprehensive energy tracking
- LCD display for easy reading and navigation
- Two pulse outputs for integration with external systems
- Wi-Fi 2.4GHz or 4G network connectivity for seamless data transfer
- Supports AC or DC power measurements

MAIN FUNCTIONS

FernLite Integration
FernMeter comes equipped with the innovative FernLite gateway, a seamless connection point to energy meters. This integration enables the efficient transmission of consumption data to the Odyssey platform for centralized monitoring and analysis.

Versatile Data Logging
Monitor Small PV Systems: Obtain real-time consumption data for small photovoltaic systems to enhance performance and identify anomalies.

Energy Audits with Load Curve Analysis
Conduct comprehensive energy audits by analyzing load curves, enabling informed efficiency recommendations.

FernView Compatibility
Visualize consumption data effortlessly with FernView software, the monitoring platform from Odyssey. Gain insights into distributed power systems and oversee consumption trends for improved decision-making.

VARIATIONS AVAILABLE

WiFi or 4G Connectivity
Choose the connectivity option that suits your setup and preferences

Single Phase or Three Phase AC
Tailor FernMeter to your power system's phase configuration

DC Measurements
Monitor consumption even in DC-powered applications

External Split-Core Current Transformers
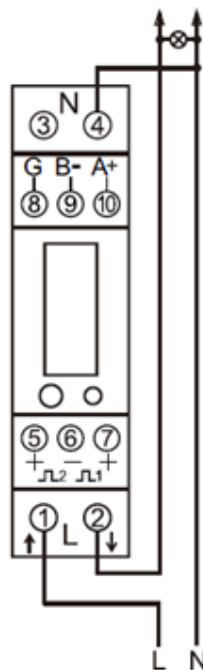Available upon request to further ease installation process of existing systems

External Power Supply
Tailor FernMeter to your power supply needs

INSTALLATION

- Ensure proper power supply to the FernMeter
- Connect the energy meter to the electrical circuit using appropriate connections as below and following electrical safety guidelines:

- Register and set-up the FernMeter by using the instructions found at:
  https://fernview.odyssey.energy/register