



Fluke 1736 and 1738 Three-Phase Power Loggers



Fluke 1736



Fluke 1738



More visibility, reduced uncertainty

The Fluke 1736 and 1738 Three-Phase Power Loggers built with Fluke Connect™ mobile app and desktop software compatibility give you the data you need to make critical power quality and energy decisions in real-time. The ideal test tools for conducting energy studies and basic power quality logging, the 1736 and 1738 automatically capture and log over 500 power quality parameters so you have more visibility into the data you need to optimize system reliability and savings.

- Measure all three-phases and neutral** with included 4 flexible current probes.
- Comprehensive logging:** More than 20 separate logging sessions can be stored on the instruments. In fact, all measured values are automatically logged so you never lose measurement trends.
- Capture dips, swells, and inrush currents:** Includes event waveform snapshot and high resolution RMS profile, along with date, timestamp and severity to help pinpoint potential root causes of power quality issues
- Optimized user interface:** Capture the right data every time with quick, guided, graphical setup and reduce uncertainty about your connections with the intelligent verification function.
- Complete "in-the-field" setup through the front panel or Fluke Connect™ App:** No need to return to the workshop for download and setup or to take a computer to the electrical panel.
- Energy Analyze Plus application software:** Download and analyze every detail of energy consumption and power quality state of health with our automated reporting.
- One-year warranty

Recommended Accessories



I17XX-FLEX 1500 1500 A 12 inch iFlex™ Current Clamps (Purchase as individual, 3pk or 4pk)



FLUKE-17XX-TL 2M Blue, Non-stackable Plug and 2x Alligator Clips



I17XX-FLEX 3000 3000 A 24 inch iFlex™ Current Clamps (Purchase as individual, 3pk or 4pk)



FLUKE-17XX-TL 1.5M Test Lead Set, 1000 V CAT III, Non-stackable Connectors; 1.5 m; Red/Blk



I17XX-FLEX 6000 6000 A 36 inch iFlex™ Current Clamps (Purchase as individual, 3pk or 4pk)



MP1-MAGNET PROBE 1 Magnet Probes for 4 mm banana, Set of 4



FLUKE-17XX AUX 40 A Clamp-on Current Transformer (Purchase as individual or 3pk)



I17XX 140S-EL/3PK 40 A Clamp-on Current Transformer (Purchase as individual or 3pk)



1736/UPGRADE Upgrade Kit for 1736 to 1738



C17XX Soft Case

Included Accessories

Power Supply, Voltage Test Leads, 4x Alligator Clips, 4x 12 inch 1500A Flexible Current Probe, Soft Case, Energy Analyze Plus Software, WiFi Adapter, Line Cords, Color Coding Set and Documentation on USB Flash Drive, Magnetic Hanging Strap (1738) and 4x Magnetic Voltage Probes (1738).

Ordering Information

FLUKE-1736/B	Power Logger, Basic Version (excl. current probes)
FLUKE-1736/EUS	Power Logger, (excl. current probes)
FLUKE-1738/B	Power Logger, Advanced Version (excl. current probes)
FLUKE-1738/EUS	Power Logger, Advanced Version (excl. current probes)

Contact your local distributor for price and availability.

	Three-Phase Energy Loggers			
	1732 Energy Logger	1734 Energy Logger	1736 Power Logger	1738 Advanced Power Logger
Load studies	•	•	•	•
Energy assessments	•	•	•	•
Neutral Current Measurement (four current channels)	-	-	•	•
Harmonics measurements	-	-	•	•
Voltage event capture	-	-	•	•
Advanced analysis: Waveform and Inrush event capture PQ Health (EN 51060)	-	-	Upgrade package*	•
Fully integrated logging with Fluke Connect™	Upgrade package*	•	Upgrade package*	•
WiFi	Optional	•	•	•
Wi-Fi / Bluetooth	Optional	•	Optional	•
Magnetic probe set	Optional	•	Optional	•
Magnetic hanger	Optional	•	Optional	•
Connection via WiFi router	Requires FREE software license available upon product registration.	Requires FREE software license available upon product registration.	Requires FREE software license available upon product registration.	Requires FREE software license available upon product registration.

*Upgrade packages are available to upgrade existing 1732 Energy Loggers with the same features of the 1734 Energy logger, and to upgrade existing 1736 Power Loggers with the same features and capabilities of the 1738 Advanced Power Logger. Please note that 1732 and 1734 Energy Loggers cannot be upgraded with the functionality of 1736 and 1738 Power Loggers.