

ENERGY MANAGER



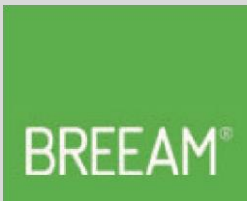
A REAL-TIME ENERGY MONITORING SYSTEM FOR ALL UTILITY TYPES INCLUDING HEAT AND WATER.



- EARN TWO CODE CREDITS UNDER THE CODE FOR SUSTAINABLE HOMES
- EASY INSTALLATION AND SETUP
- BUILT IN WIFI CONNECTION BETWEEN CONTROLLER AND DISPLAY

NEW FOR 2019 AND NOW AVAILABLE

- IMPROVED GRAPHIC INTERFACE.
Larger Screen Size, Screen Quality and Viewing Angle.
- DUAL FUNCTIONALITY PULSE & MBUS INPUTS.
Monitor up to a maximum of 6 channels using combinations of CT, Pulse and MBus inputs.
- VISUAL COMPARISON OF ENERGY USE BETWEEN TWO DIFFERENT TIME PERIODS.
Historical graph comparison for clear indication of energy use.



MADE IN UK

“Working For You”



The Energy Manager is a unique real-time energy monitoring system that measures up to six channels of all utility types, including heat and water and is worth two code credits under the Code for Sustainable Homes.

The system has a dedicated wall-mount, in-home display that is effortlessly controlled through elegant graphical user interfaces. The engaging and language free traffic light display helps reduce users energy bills and carbon footprint.

The system can also be used to monitor export from your micro-generation system, such as Solar PV, Thermal or Wind.

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PRODUCT DATA

ENERGY MANAGER

Name of Manufacturer	J-TEQ Energy Ltd.
Unique Reference Number (Model Number)	EMP-201-01-Rxx (Mbus & Pulse)
Purpose of product (Energy Manager)	ENE3 Compliant Energy Monitoring System
Dimensions	Controller 165x95x52mm ; Display 235x127x19mm
Operating Temperature Range	0°C to 40°C
Enclosure Protection	IP20
Level of protection from electric shock	Double Insulation
Case Material V0 Rating	UL94-V0
Operating temperature range	-10° to 40°C
Enclosure protection	IP 40
Wireless Support & Security	EEE 802.11 B/G/N 2.4Ghz / WIFI Protected Access (WPA)
Data Storage Capacity	Greater than 10years
Number of Monitored Channels	Up to 6: Max of 3 x Electricity via CTs & 3x any pulse or M-Bus
Current Transformers	Derived Measurements: Voltage, Current, Apparent & Real Power, Energy CTs Available: 16-80A, 16-120A, 24-120A, 24-400A
Instantaneous Measurements	Energy, Volume, Cost
Continued Utility Measurements	Utility bill estimation by day, week, month, quarter and year as well as carbon CO2.

POWER SUPPLY

Supply Voltage	100-240 VAC
Max System Power in Watts	9W
Power Supply Frequency (Hz)	50-60 Hz
Power Supply for Display	Switching Power Supply: I/P 100-240VAC unterminated wire for spur connection. O/P DC 5V. Dimensions 90x40x29mm

WHAT'S IN THE BOX

Energy Manager Kit	1 x Measurement Controller Unit, 1 x 7" Display, 1 x Tamper free wall mount, 1x Display Power Supply, 1 x Current Transformer
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EASY TO INSTALL

INSTALLATION IS FAST AND SIMPLE

Controllers and smart displays are fitted over standard pattress boxes

Simple push button connectors are used for CTs and Pulse connections



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