

# ONL+usb

new generation energy monitoring



**OWL +USB** is a feature rich home energy monitor with data logging capability. Easy to use, the wireless **OWL +USB** is battery powered enabling you to use the monitor around your home and reduce your electricity consumption. **OWL +USB** is equipped with a USB port that allows data download to a PC application for graphing and further analysis.

**OWL +USB** is a class leading quality monitor at a price that should quickly pay for itself in cost savings, and help the environment at the same time.



make your home an **ONL** home





## Features

Wireless portable monitor with large LCD screen  
Real time and accumulated consumption  
Six tariff settings with independent start time, cost rate and weekday/weekend selection  
Selectable tariff cost currency  
Clock, calendar and temperature display  
Alarm functions to alert the user when the power exceeds the user setting  
PC application allows USB data download for further analysis

Last 30 days "1 minute average current"

PC graphs available include:

Live usage (last two minutes)

History usage

Comparative usage

## Technical

Operating frequency 433MHz  
Operating range up to 30m  
12 second refresh rate  
Display battery life > 18 months  
Transmitter battery life > 18 months  
Sensor suitable to monitor cables rated up to 71A  
Storage conditions: -5°C to +60°C  
Relative humidity: 25% to 95% non condensing  
Operating temperature: 5°C to 45°C  
Ingress protection: IP30

## Standards

IEC 61010-1:2001(2nd Edition) /  
EN 61010-1:2001(2nd Edition)  
ETSI EN 300 220-1 V2.1.1 (2006-04)/  
ETSI EN 300 220-2 V2.1.2 (2007-06)  
ETSI EN 301 489-1 V1.8.1 (2008-04)/  
ETSI EN 301 489-3 V1.4.1 (2002-08)  
R&TTE  
WEEE Directive, RoHS, Battery Directive

## Includes

LCD display unit  
Transmitter unit  
Fixed single sensor  
USB lead  
Software CD  
(Windows Operating System)  
6 x AA alkaline battery  
User manual



## Screen Views

Cost of current & accumulated electricity consumption display  
Power consumption (kW) display  
Current consumption (Amps) display  
Accumulated energy consumption (kWh) display  
Current & accumulated Green house gas (GHG) emission rate display  
Average & Historical displays for all main values



**2 Save Energy Ltd**

The Annexe, Field House Barn  
Chineham Lane, Sherborne St John  
Basingstoke, Hants RG24 9LR UK

**Tel: +44 1256 383 430**  
**www.theowl.com**