

- *Single-Phase
- *Power Supply : 220V 50Hz Max
10A(<2.2KW)
- *Accuracy : 1.0
- *Constant: 6400imp/kWh
- *Power Dissipation: <1W
- *Operating Temperature: 0~45°C
- *Storage Temperature: -20~60°C
- *Monitoring of the Current Value of the Active Power
- *Monitoring of the Current Voltage /Current / Frequency
- *Record the Total Time Consumption
- *Record the Total Electricity Consumption
- *Calculate CO2 Emission
- *Power Factor Detection
- *Set the alarm threshold load
- *Large LCD Display
- *Dimension: 120*60*55.6mm
- *Weight: 130g



Measures

- Power (W)
- Power Factor (PF) [PG08]
- Current (mA)
- Voltage (V)
- Frequency (Hz)
- Total Usage Time (min)
- Total Used Energy (KWh)
- Carbon Emission (CO₂ in kg)

Features

- Smart Two Pin Socket
- Large LCD Display with Backlight
- Memory Retention [KWh, min.]
- Blinking LCD to indicate Alarm when KW is over threshold
- Counts CO₂ generated by Electrical Equipment (0.555kg CO₂ is generated by using 1 KWh Energy)

General Specifications

- Accuracy : Class 1.0
- Power Consumption : Less than 1W
- Input : 220V, 50Hz, 10A (max.)
- Working Temperature : -25°C to +55°C
- Dimensions : 120 x 65 x 55mm (approx.)
- Weight : 130gms (approx.)

Specifications

Functions	Input Range (PG08)	Display Format	Accuracy (% of FS) (FS = 2200W)
Power (W)	0.2 ~ 1 W 1 ~ 5 W 5 ~ 2200 W	XXXX.xx W	< 10 5 1
Power Factor	For 0.2 ~ 5 W For 5 ~ 10 W For 10 ~ 2200 W	X.XXx	> 0.03 PF < 0.03 PF < 0.01 PF
Current (mA)	0.02 ~ 10 A	XXXxx mA	1
Voltage (V)	195 ~ 265 V	XXX.xx V	0.5
Frequency (Hz)	Hz	XX.xx Hz	-
Total Usage Time (min.)	Minutes	XXXXxx	-
Total Used Energy (kWh)	For 5 ~ 2200 W	XXXX.xx kWh	1
CO ₂ (Kg)	CO ₂ (Kg)	XXXX.xx CO ₂ , Kg	-

Applications

Teaching, Demonstration & Testing of Electrical Energy Consumption of Household / Office Appliances. It can be used in Houses, Offices, Shops, Schools, Laboratories etc.