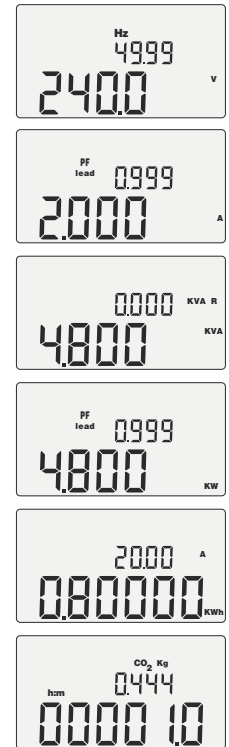


PG09 - 20A
PG09 - 5A
PG09 - 1A

Display Pages



POWERGUARD is a simple to use and easy to handle product which can be widely used because of its portability and light weight

Measures

- TRMS Voltage (V)
- Frequency (Hz)
- TRMS Current (A)
- Power Factor (PF)
- Apparent Power (KVA)
- Reactive Power (KVAr)
- Active Power (KW)
- Energy Consumption (KWh)
- Energy Usage Time (EUT)
- Carbon Emission (CO₂ in kg)

Features

- Three Pin Socket & Plug Suitable for Indian Socket
- Large Dual Row LCD Display with Backlight & Annunciator
- Memory Retention (KWh, EUT)
- Simple, Easy & Accurate
- Continuous Measurement
- Counts CO₂ generated by Electrical Equipment (0.555kg CO₂ is generated by using 1KWh Energy)

General Specifications

- Accuracy : Class 1.0
- Power Consumption : Less than 2W (with backlight)
- Working Temperature : -10°C to +55°C, <70% RH
- Dimensions : 156 x 78 x 48mm (approx.)
- Weight : 300gms (approx.)

Specifications

| Function | PG09 - 20A | PG09 - 5A | PG09 - 1A | Accuracy |
|---|---|----------------------|----------------------|--------------|
| RMS Voltage (V) | 240V AC (Nominal) [195V ~ 265Vrms] | | | ± 0.5% of FS |
| RMS Current (A) | [0.110 ~ 20.00] Arms | [0.100 ~ 6.000] Arms | [0.010 ~ 1.200] Arms | ± 0.5% of FS |
| Active Power @240VAC (KW) | [0.026 ~ 4.800] KW | [0.024 ~ 1.440] KW | [2.400 ~ 288.0] W | ±1.0% of FS |
| Apparent Power @240VAC (KVA) | [0.026 ~ 4.800] KVA | [0.024 ~ 1.440] KVA | [2.400 ~ 288.0] VA | ±1.0% of FS |
| Reactive Power @240VAC (KVAr) | [0.026 ~ 4.800] KVAr | [0.024 ~ 1.440] KVAr | [2.400 ~ 288.0] VA | ±1.0% of FS |
| Power Factor (PF) | [0.026 ~ 0.120] KW | [0.024 ~ 0.096] KW | [021.6 ~ 048.0] W | > 0.03 PF |
| | [0.120 ~ 4.800] KW | [0.096 ~ 1.440] KW | [048.0 ~ 288.0] W | < 0.03 PF |
| Line Frequency (Hz) | 45.00 ~ 55.00 Hz | | | ± 0.2 Hz |
| Active Energy (KWh) | 000000 ~ 999999 KWh | | | Class 1 |
| Energy Usage Time (EUT) | Hours / Minutes | | | NA |
| Carbon Emission (CO ₂ in kg) | CO ₂ (Kg) | | | NA |
| Applications : | Teaching, Demonstration & Testing of Electrical Energy Consumption of Household & Office Appliances. It can be used in Houses, Offices, Shops, Schools, Laboratories etc. | | | |

Ordering Information : Model & Range