

PLUG-IN POWER MONITOR

MODEL
AXE-1



RoHS

■ FEATURES

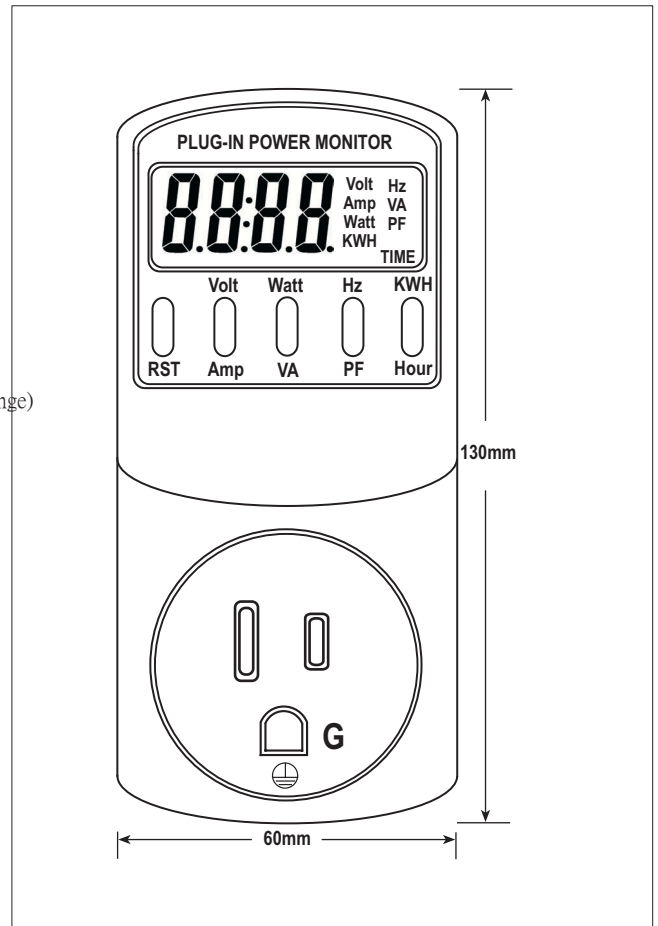
- Accuracy $\pm 0.1\%$ F.S.
- Measuring and display ACV/ACA/Watt/VA/Frequency/Power factor /KWH/KWH time)
- ACV/ACA/Watt for true RMS
- ACA/Watt/VA/KWH/KWH time auto-range function)
- Over current ($>15A$) and over temperature($>65^{\circ}C$) auto open load protector function)
- Large bright white LEDs high 16.3mm(1.146")
- Impulse test meet requirement of IEC 60950-1 6KV/3KA combination wave test)
- Surge test (ring wave)2.5KV(0.25ms/1MHz) (IEC255-4)

1.MODEL: AXE-1(Non over current/temperature protector function) AXE-1-P(One over current/temperature protector function)

2.SPECIFICATION

- Power consumption : $<0.2VA$ (AXE-1)
 $<0.6VA$ (AXE-1-P)
- Measuring accuracy (23 $\pm 5^{\circ}C$) : $\pm 0.1\%$ F.S.(Watt/KWH)
 $\pm 0.2\%$ F.S.(V/A/VA/P.F.)
 $\pm 0.05\%$ F.S.(Frequency)
 ± 30 ppm(KWH time)
- Input burden : 0.05VA
- Maximum input over : Maximum AC 300V continuous
- Measuring and display range: Voltage(AC80.0~260.0V)
Current(AC0~9.999A/0~15.00A auto-range)
Watt/VA(AC0~999.9W(VA)/0~3900W(VA) auto-range)
KWH(0~99.99KWH/0~999.9KWH/0~9999KWH auto-range)
KWH time (0~99.59 Hour/0~9999 Hour auto-range)
Frequency(45.0~65.0Hz)
Power factor(1.000~0.500 P.F.)
- Sampling time : 1 cycles/second
- Over current range : $>AC15A$ (Load OFF)
- Over temperature range : $>65^{\circ}C$ (Load OFF)
 $>55^{\circ}C$ (Load ON)
- Over input indication : "OVER" & "Unit indication" & "Buzzer"
(Push "RST" keypad above 3 seconds for reset)
- Temp. coefficient : 50ppm/ $^{\circ}C$ (0~50 $^{\circ}C$)
- Display : Bright white LEDs high 16.3 mm(1.146")
- Parameter setting : Silicon keypad
- Memory mode : Non-volatile E² PROM memory
- Dielectric strength : 2KVac/1 min. (input/case)
- Impulse test : IEC 60950-1 AC 6KV/3KA(1.2x50us)
combination wave test
- Surge test(ring wave) : 2.5KV-0.25ms/1MHz(IEC255-4)
- Operating condition : 0~50 $^{\circ}C$ (20 to 90% RH non-condensed)
- Storage condition : 0~70 $^{\circ}C$ (20 to 90% RH non-condensed)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3.OUTSIDE DIMENSION (Unit=mm)



4.INSTALLATION DIAGRAM



