

# PLUG-IN POWER MONITOR

MODEL  
AXE-1



RoHS

## ■ FEATURES

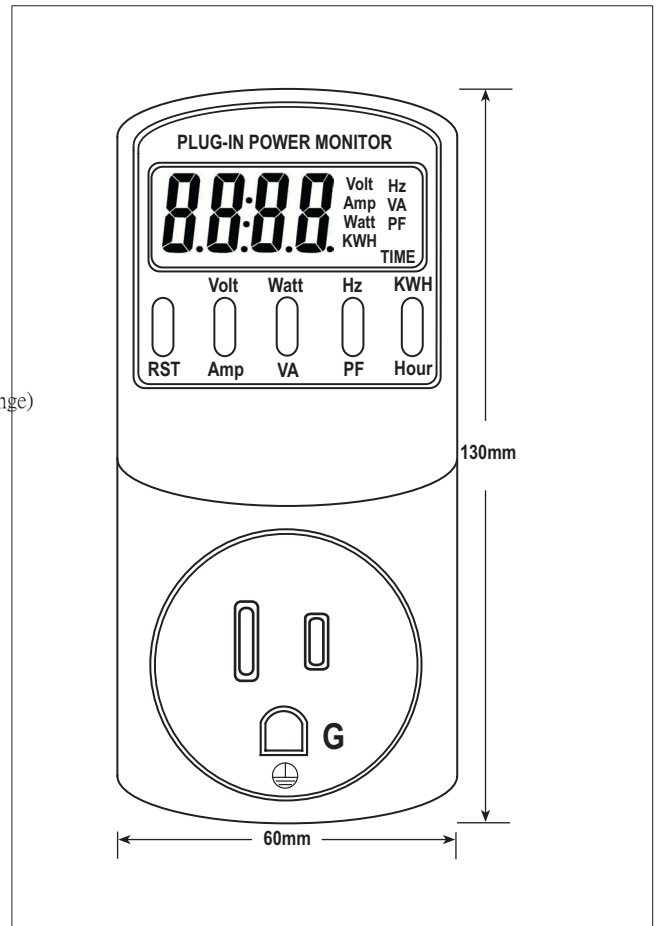
- Accuracy  $\pm 0.1\%$  F.S.
- Measuring and display ACV/ACA/Watt/VA/Frequency/Power factor /KWH/KWH time)
- ACV/ACA/Watt for true RMS
- ACA/Watt/VA/KWH/KWH time auto-range function)
- Over current ( $>15A$ ) and over temperature( $>65^{\circ}C$ ) auto open load protector function)
- Large bright white 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)  
 $\pm 30$  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 :  $>AC15A$  (Above 5 second)(Load OFF)
- Over temperature range :  $>65^{\circ}C$  (Load OFF)
- 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 E<sup>2</sup> 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

