

# 插座式8合1交流精密電源監測器

( PLUG-IN POWER MONITOR )

MODEL  
AXE-1



RoHS

## ■特點(FEATURES)

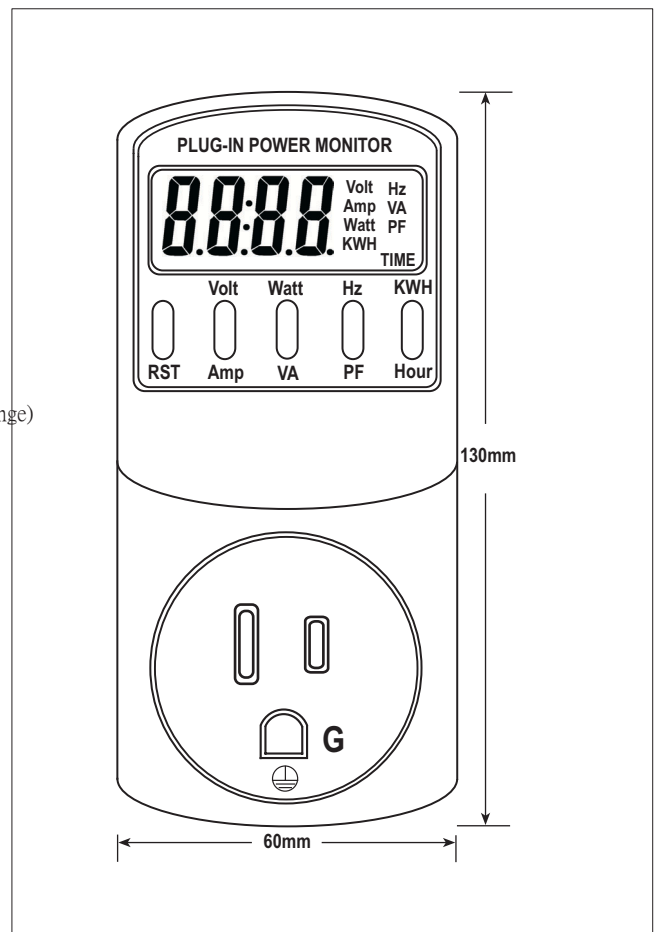
- 準確度 $\pm 0.1\%$ 滿刻度(Accuracy  $\pm 0.1\%$ F.S.)
- 可同時量測與顯示交流電壓/電流/瓦特/伏安/頻率/功率因素/用電度數/用電時間 (Measuring and display ACV/ACA/Watt/VA/Frequency/Power factor /KWH/KWH time)
- 交流電壓,電流,瓦特皆為真正有效值(TRMS)(ACV/ACA/Watt for true RMS)
- 交流電流,伏安,用電度數,用電時間皆有自動變檔功能(提高準確度) (ACA/Watt/VA/KWH/KWH time auto-range function)
- 過電流( $>15A$ )與過溫度( $>65^{\circ}C$ )自動切斷迴路保護功能 (Over current ( $>15A$ ) and over temperature( $>65^{\circ}C$ ) auto open load protector function)
- 超大型白色LED顯示幕,字高16.3mm(Large bright white LEDs high 16.3mm(1.146"))
- 沖擊電壓/電流測試6KV/3KA(1.2x50us) (Impulse test meet requirement of IEC 60950-1 6KV/3KA combination wave test)
- 突波電壓測試2.5千伏特(0.25ms/1MHz)(Surge test (ring wave)2.5KV(0.25ms/1MHz))(IEC255-4)

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

## 3.OUTSIDE DIMENSION (Unit=mm)(外型尺寸)

## 2.SPECIFICATION (主要規格)

- Power consumption (電源消耗功率) :  $<0.2VA$ (AXE-1)  
 $<0.6VA$ (AXE-1-P)
- Measuring accuracy (準確度)( $23\pm 5^{\circ}C$ ) :  $\pm 0.1\%$  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 (輸入負載) :  $0.05VA$
- Maximum input over (最大過載能力) : 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 (取樣時間) : 1 cycles/second
- Over current range (過電流範圍) :  $>AC15A$  (Above 5 second)(Load OFF)
- Over temperature range (過溫度範圍) :  $>65^{\circ}C$  (Load OFF)
- Over input indication (過載顯示) : "OVER" & "Unit indication" & "Buzzer"  
(Push "RST" keypad above 3 seconds for reset)
- Temp. coefficient (溫度係數) : 50ppm/ $^{\circ}C$  (0~ $50^{\circ}C$ )
- Display (顯示幕) : Bright white LEDs high 16.3 mm(1.146")
- Parameter setting (參數設定方式) : Silicon keypad
- Memory mode (記憶方式) : Non-volatile E<sup>2</sup> PROM memory
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/case)
- Impulse test (衝擊電壓/電流測試) : IEC 60950-1 AC 6KV/3KA(1.2x50us) combination wave test
- Surge test(ring wave) (突波電壓測試) : 2.5KV-0.25ms/1MHz(IEC255-4)
- Operating condition (使用環境條件) : 0~ $50^{\circ}C$  (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~ $70^{\circ}C$  (20 to 90% RH non-condensed)
- CE EMC Certification (CE認證) : EN 55022:1998/A1:2000 Class A  
EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001



## 4.INSTALLATION DIAGRAM (安裝使用圖)

