

**APS-7051 & APS-7101規格**

規格適用於**APS-7051 & APS-7101** 在+ 20°C〜+ 30°C 的環境中熱機至少 30 分鐘時

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| **型號** | | | APS-7051 | APS-7101 |
| 額定功率 | | | 500VA | 1000VA |
| 輸出電壓 | | | 0 ~ 250 Vrms ,0 ~ 500 Vrms ,0 ~ 1000 Vrms | |
| 輸出頻率 | | | 45.00 ~ 500.0 Hz | |
| 最大電流(有效值) \*1 | | 0 ~ 250 Vrms | 2.5A | 5A |
| 0 ~ 500 Vrms | 1.25A | 2.5A |
| 0 ~ 1000 Vrms | 0.63A | 1.25A |
| 最大電流 (峰值) | | 0 ~ 250 Vrms | 10.0A | 20.0A |
| 0 ~ 500 Vrms | 5.0A | 10.0A |
| 0 ~ 1000 Vrms | 2.5A | 5.0A |
| 總諧波失真(THD) | | | ≤0.5% at 45 ~ 500.0Hz (Resistive Load) | |
| 波峰因數 | | | ≤4 | |
| 電源調節率 | | | 0.1% (% of full scale) | |
| 負載調節率 | | | 0.5% (% of full scale) | |
| **設定** | | | | |
| 電壓 | 範圍 | | 0 ~ 250 Vrms, 0 ~ 500 Vrms, 0 ~ 1000 Vrms,自動 | |
| 解析度 | | 0.01 V at 0.00 ~ 99.99 Vrms  0.1 V at 100.0 ~ 999.9 Vrms | |
| 精準度 | | ± (0.5% of setting + 2 counts) | |
| 頻率 | 範圍 | | 45 ~ 500 Hz | |
| 解析度 | | 0.01Hz at 45.00 ~ 99.99Hz  0.1Hz at 100.0 ~ 500.0Hz | |
| 精準度 | | ± 0.02% of Setting | |



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| **量測** \*2 | | |
| 電壓(有效值) | 範圍 | 0.20 ~ 38.75 Vrms  38.76 ~ 77.50 Vrms  77.51 ~ 250.0 Vrms  250.1 ~ 1000 Vrms |
| 解析度 | 0.01 V at 0.00 ~ 99.99 Vrms  0.1 V at 100.0 ~ 999.9 Vrms |
| 精準度 \*3 | ± (0.5% of reading + 2 counts) |
| 頻率 | 範圍 | 45 ~ 500 Hz |
| 解析度 | 0.01Hz at 45.00 ~ 99.99Hz  0.1Hz at 100.0 ~ 500.0Hz |
| 精確度\*3 | ± 0.1Hz |
| 電流(有效值) | 範圍 | 2.00 ~ 70.00 mA  60.0 ~ 350.0 mA  0.300 ~ 3.500 A  3.00 ~ 5.00 A |
| 解析度 | 0.01mA  0.1mA  0.001A  0.01A |
| 精確度\*3 | ± (0.6% of reading + 5 counts) , 2.00 ~ 350.0 mA  ± (0.5% of reading + 5 counts) , 0.350 ~ 3.500 A  ± (0.5% of reading + 3 counts) ,3.500 ~ 5.00 A |
| 電流(峰值) | 解析度 | 0.1A |
| 精確度 | ± (1% of reading + 1 counts) |
| 功率(W) | 解析度 | 0.01 W  0.1 W  1 W |
| 精確度\*3 | ± (0.6% of reading + 20 counts) , 0.20 ~ 99.99W  ± (0.5% of reading + 20 counts) , 100.0 ~ 999.9W  ± (0.5% of reading + 2 counts) ,1000 ~ 9999W |
| 視在功率 (VA) | 解析度 | 0.01VA  0.1VA  1VA |
| 精確度\*3 | ± (1% of reading + 5 counts) , 0.20~ 99.99VA  ± (1% of reading + 5 counts) , 100.0 ~ 999.9VA  ± (1% of reading + 2 counts) , 1000~ 9999VA |
| 功率因數 | 解析度 | 0.001 |
| 精確度\*3 | ±2% reading + 2 counts |



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| **一般** | | | | | |
| 同步輸出信號 | | | 輸出訊號 10 V, BNC Type | | |
| 預設組(數) | | | 10 (0~9 numeric keys) | | |
| 保護 | | | OCP, OPP, OHP 警示 | | |
| AC **電源輸入** | | | | | |
| 相位 | | | 單相(1Ø) | | |
| 輸入電壓 | | | 115/230Vac ± 15% | | |
| 輸入頻率 | | | 50/60Hz | | |
| 最大電流 | | | 16A/8A | 32A/16A | |
| 功率因素 | | | 0.7 Typ. | | |
| **環境條件** | | | | | |
|  | 操作溫度範圍 | | 0 ~ +40 ℃ | | |
| 儲存溫度範圍 | | -10 ~ +70 ℃ | | |
| 操作溼度範圍 | | 20 ~ 80% RH (無凝結) | | |
| 儲存溼度範圍 | | 80% RH 或是更小(無凝結) | | |
| **介面** | | | | | |
| 標準 | | | USB Host, LAN | | |
| 選配 | | | GPIB (APS-001)  RS232 / USB CDC (APS-002) | | |
| **尺寸**&**重量** | | | | | |
| 尺寸(mm) | | 寬 | 430 | | 430 |
| 高 | 88 | | 88 |
| 深 | 400 | | 560 |
| 重量 | | | 24Kg | | 38Kg |

## \*1 最大輸出電流的工作電壓為 200Vrms / 400Vrms / 800Vrms。

\*2 所有有效量測精度在 23±5℃溫度範圍內。

\*3 在 25〜250V / 50〜500V / 100〜1000V條件下，正弦波，無載。