

6600 系列可编程交流电源



6600 系列可编程交流电源搭载 PWM 直接耦合输出技术，提供低噪声与高稳定性电源输出，值得客户信赖。可即时且不断电调整电压及频率设计，提升测试效率。适用于家电产品、马达、压缩机等产品测试。

产品特色

- 可选配直流电源输出可达 2.5kW(选购)。
- 9.8 吋大萤幕显示器便于资料阅读。
- 可设定自动周期运转功能达到循环测试。
- EEC 独有技术“过电流恒定输出功能”(OCF)，可自动调整电压输出来确保电流维持恒定值，满足需要高启动电流负载的产品。
- 采用先进的高频电源技术设计，输出效能高达 80% 以上。
- 体积小，5KVA 容量高度只有 22.2cm，节省设备空间。
- 具有输出波形的起始及结束相数角设定，以及模拟电压瞬升及瞬降功能，可模拟多种电源状态。
- 浪涌电流可达额定电流的 4 倍，不需购买较大容量电源，即可轻易启动高启动电流负载（马达、压缩机... 等），节省设备成本。
- 测试输出期间，可即时调整电压或频率，不需停机再做调整，节省测试时间。
- 暂态反应快，在瞬间加重载或除载时波形可于 400uS 内恢复，节省测试时间。

安全特性



过电流保护



过电压保护



过功率保护



过温度保护



短路线路

产品特点



过载电流恒定输出



持续输出模式



角度设定



远端线压降补偿 (选购)

通讯介面



USB 介面



RS-232 介面



以太网路卡
(选购)



GPIB 卡
(选购)

| | 交流输出 | 直流输出 | 可编程 | 单相输入 | 单相输出 |
|------|------|------|-----|------|------|
| 6605 | ✓ | 选购 | ✓ | ✓ | ✓ |
| 6610 | ✓ | 选购 | ✓ | ✓ | ✓ |
| 6620 | ✓ | 选购 | ✓ | ✓ | ✓ |
| 6630 | ✓ | 选购 | ✓ | ✓ | ✓ |
| 6650 | ✓ | 选购 | ✓ | ✓ | ✓ |

| 6600 系列规格 | | | | | | | | | | | |
|----------------------------|----------|---|---------|------|------|-----------------------------|---------|-------|------|-------------------|--|
| 型号 | 6605 | | 6610 | | 6620 | | 6630 | | 6650 | | |
| 交流输出 | | | | | | | | | | | |
| 相数 | | 1Ø | | | | | | | | | |
| 功率 | | 500VA | | 1kVA | | 2kVA | | 3kVA | | 5kVA ¹ | |
| 电压 | 范围 | 0 - 300V | | | | | | | | | |
| | 解析度 | 0.1 V | | | | | | | | | |
| | 精确度 | ±(1% of setting + 2 counts) | | | | ±(1% of setting + 5 counts) | | | | | |
| 最大电流 (有效值) ² | 0 - 150V | 4.6A | | 9.2A | | 18.4A | | 27.6A | | 46.0A | |
| | 0 - 300V | 2.3A | | 4.6A | | 9.2A | | 13.8A | | 23.0A | |
| 频率 | 范围 | 40 - 500Hz Full Range Adjust | | | | | | | | | |
| | 解析度 | 0.1Hz at 40.0 - 99.9 Hz, 1Hz at 100 - 500Hz | | | | | | | | | |
| | 精确度 | ±0.03% of setting | | | | | | | | | |
| 总谐波失真 (THD) | | < 0.3% at 110/220V & 50/60Hz (Resistive Load) | | | | | | | | | |
| 浪涌电流 | | 4 times rated Current(r.m.s) | | | | | | | | | |
| 波峰因素 | | 3 times rated Current(r.m.s) | | | | | | | | | |
| 电源稳定率 | | ± 0.1V | | | | | | | | | |
| 负载调整率 | | ±(0.5% of output + 0.5V) at Resistive Load | | | | | | | | | |
| 直流输出 (选购) | | | | | | | | | | | |
| 功率 | | 250W | | 500W | | 1kW | | 1.5kW | | 2.5kW | |
| 电压 | 范围 | 110/220Vac ± 10% | | | | | | | | | |
| | 解析度 | 0.1V | | | | | | | | | |
| | 精确度 | ±(1% of reading + 2 counts) | | | | ±(1% of reading + 5 counts) | | | | | |
| 最大电流 (有效值) | 0 - 200V | 2.3A | | 4.6A | | 9.2A | | 13.8A | | 23.0A | |
| | 0 - 400V | 1.15A | | 2.3A | | 4.6A | | 6.9A | | 11.5A | |
| 连波和杂讯 (有效值) | 范围 | L | < 250mV | | | | < 350mV | | | | |
| | | H | < 400mV | | | | < 550mV | | | | |
| 连波和杂讯 (p-p) | | < 2Vp-p | | | | < 3Vp-p | | | | | |
| 电源稳定率 | | ± 0.1V | | | | | | | | | |
| 负载调整率 | | ±(0.5% of output + 0.5V) at Resistive Load | | | | | | | | | |

| 型号 | 6605 | 6610 | 6620 | 6630 | 6650 | | |
|-----------------|--------------------------|---|------------------------------|---|------------------------------|--|---------------|
| 输入电源 | | | | | | | |
| 相数 | 1Ø | | | | | | |
| 电压 | 110/220Vac±10% | | 220Vac±10% | | | | |
| 最大电流 | 10/5A | 20/10A | 20A | 30A | 50A | | |
| 频率 | 47 - 63Hz | | | | | | |
| 功率因素 | 0.7 | | | | | | |
| 量测 | | | | | | | |
| 电压 (交流 & 直流) | 范围 | 0.0 - 400.0V | | | | | |
| | 解析度 | 0.1V | | | | | |
| | 精确度 | ±(1% of reading + 2 counts) at Voltage > 5 V | | ±(1% of reading + 5 counts) at Voltage > 5V | | | |
| 电流 | 范围 (交流) | L | 0.005 - 0.600A | 0.005 - 1.200A | 0.005 - 2.400A | 0.005 - 3.600A | - |
| | | H | 0.50 - 6.50A | 1.00 - 13.00A | 2.00 - 26.00A | 3.00 - 39.00A | 0.00 - 65.00A |
| | 范围 (直流) | L | 0.010 - 0.600A | 0.010 - 1.200A | 0.010 - 2.400A | 0.010 - 3.600A | - |
| | | H | 0.50 - 6.50A | 1.00 - 13.00A | 2.00 - 26.00A | 3.00 - 39.00A | 0.05 - 65.00A |
| | 解析度 ³ | L | 0.001A | | | | |
| | | H | 0.01A | | | | |
| | 精确度 (交流) ⁴ | L | ±(1% of reading + 5 counts) | | | ±(1% of reading + 5 counts) ⁵ ±(2% of reading + 5 counts) ⁶ | - |
| | | H | ±(1% of reading + 5 counts) | | | | |
| | 精确度 (直流) ⁴ | L | ±(1% of reading + 5 counts) | | | | - |
| | | H | ±(1% of reading + 5 counts) | | | | |
| | 频率 | 范围 | 0.0 - 500.0Hz | | | | |
| | | 解析度 | 0.1Hz | | | | |
| 精确度 | | ± 0.1Hz | | | | | |
| 功率 (交流 & 直流) | 范围 | L | 0.0W - 60.0W | 0.0W - 120.0W | 0.0W - 240.0W | 0.0W - 360W | - |
| | | H | 50W - 650W | 100W - 1300W | 200W - 2600W | 300 - 3900W | 0 - 6500W |
| | 解析度 | L | 0.1W | | | | |
| | | H | 1W | | | | |
| | 精确度 (交流) ⁴ | L | ±(2% of reading + 15 counts) | | ±(2% of reading + 30 counts) | ±(2% of reading + 15 counts) ⁵ ±(2% of reading + 15 counts) ⁶ | - |
| | | H | ±(2% of reading + 5 counts) | | ±(2% of reading + 10 counts) | ±(2% of reading + 5 counts) | |
| | 精确度 (直流) ⁴ | L | ±(2% of reading + 5 counts) | | | | - |
| | | H | ±(2% of reading + 5 counts) | | | | |

| 型号 | 6605 | 6610 | 6620 | 6630 | 6650 |
|---|--|------------------------|------------------------|-------------------------------|-------------------------------|
| 一般规格 | | | | | |
| 突波 / 陷波 | SD-Volt : 0.0 - 300.0V, Resolution : 0.1V SD-Site : 0 - 20ms at SD-Cont. : ON, 0 - 99ms at SD-Cont. : OFF, Resolution : 1ms SD-Time : 0 - 20ms at SD-Cont. : ON, 0 - 99ms at SD-Cont. : OFF, Resolution : 1ms SD-Cont. : ON/OFF | | | | |
| 远端控制输入讯号 介面 (选购) | Test, Reset, Recall memory 1 through 7 | | | | |
| 远端控制输出讯号 | Pass, Fail, Test-in Process | | | | |
| 输入端形式 | Inlet | | Terminal | | |
| 记忆组 | 50 memories, 9 steps/memory | | | | |
| 同步输出讯号 | DC Level 5 V, Between the sync signal and the output voltage will be 0.5ms time difference | | | | |
| 显示器 | 240 x 64 dot resolution Monographic LCD/Contrast 9 Levels 1 - 9 | | | | |
| 保护功能 | OCP, OVP, OPP, OTP, LVP, Short Circuit ; Alarm and shutdown | | | | |
| 介面 ⁷ | Standard USB & RS232, Optional GPIB, Ethernet, PLC Remote Input Card | | | | |
| 操作温度 / 储存温度 / 湿度 | 0 to 40°C/-40 to 75°C/20 to 80%RH | | | | |
| 尺寸 (宽 x 高 x 深), mm ⁸ | 430 x 89 (111.5) x 400 | 430 x 89 (111.5) x 400 | 430 x 89 (111.5) x 500 | 430 x 223 (245.5) x 500 (528) | 430 x 223 (245.5) x 500 (530) |
| 重量 | 16.5kg | 19.5kg | 31.5kg | 57kg | 65kg |
| 标准配件 | | | | | |
| Power Cable (10A) for 6605; Power Cable (15A) for 6610; 1177 Input power cable for 6620; 1224 USB Cable*1 | | | | | |

*Product specifications are subject to change without notice

1. PF \leq 0.8 can work continuity
2. Maximum current when output voltage at 110/220V
3. a. When output frequency \geq 100Hz & \leq 500Hz & N-G short, the current meter guarantee minimum current from 0.01A
b. When output frequency \geq 500Hz & N-G short, the current meter guarantee minimum current from 0.02A
4. At voltage > 5V
5. At 40 - 100Hz
6. At 101 - 500Hz
7. Only one interface can be selected among PLC Remote I/P interface, RS232 & USB, Ethernet & GPIB interface card.
8. Figure in parentheses are maximum values with fixture stand

产品型号

- 6605 Programmable AC Power Source 0 - 300V/40 - 500Hz (500VA)
- 6610 Programmable AC Power Source 0 - 300V/40 - 500Hz (1kVA)
- 6620 Programmable AC Power Source 0 - 300V/40 - 500Hz (2kVA)
- 6630 Programmable AC Power Source 0 - 300V/40 - 500Hz (3kVA)
- 6650 Programmable AC Power Source 0 - 300V/40 - 500Hz (5kVA)

选购功能

- OPT.109 Replace RS232 Interface by GPIB Interface
- OPT.612 PLC Remote I/P Interface
- OPT.629 Input Voltage 100/200Vac for 6605 & 6610
- OPT.630 Input Voltage 120/240Vac for 6605 & 6610
- OPT.631 Input Voltage 200Vac for 6620, 6630 & 6650
- OPT.632 Input Voltage 240Vac for 6620, 6630 & 6650
- OPT.633 DC Output (250W/400V) for 6605
- OPT.634 DC Output (500W/400V) for 6610
- OPT.635 DC Output (1kW/400V) for 6620
- OPT.651 DC Output (1.5kW/400V) for 6630
- OPT.652 DC Output (2.5kW/400V) for 6650
- OPT.653 External 0 - 10V control
- OPT.654 Sync Signal +5V/pulse 15ms
- OPT.663 Replace RS232 Interface by PLC Remote Interface
- OPT.666 V sensor function for 6650
- OPT.667 Suppression Input Voltage