

APM Programmable Power Sources

| Item | Series | Dimension (WxHxD) | Weight | 19" rack | Model# | PN-EN Rev. (without GPIB) | PN-EN Rev. (with GPIB) | Voltage Range | Current Range | Power Range | Current limit @ max. voltage | Status (Release time) | L/T(Wks) | Standards | |
|------|-----------------|-------------------|--------|----------|---------------|--|--|------------------------|---------------|-------------|------------------------------|--|----------------|-----------|-----------|
| 1 | AC Source 5000W | 649x483x177 mm | 29kg | 4U | SP300VAC5000W | 8201-111-30-001 8201-111-30-004 8201-111-30-005 8201-111-30-008 | 8201-111-30-002 8201-111-30-003 8201-111-30-006 8201-111-30-007 | 1. 150Vac 2. 300Vac | 46A@150Vac | 0~5000W | 23A@300Vac | 1)Advanced version ---Available 2)Jul.30th,2017--- Professional version | 4 | CE/CSA/UL | |
| 2 | AC Source 4000W | 649x483x177 mm | 29kg | 4U | SP300VAC4000W | 8201-016-30-001 8201-016-30-004 8201-016-30-005 8201-016-30-008 | 8201-016-30-002 8201-016-30-003 8201-016-30-006 8201-016-30-007 | 1. 150Vac 2. 300Vac | 32A@150Vac | 0~4000W | 16A@300Vac | | 4 | CE/CSA/UL | |
| 3 | AC Source 3000W | 649x483x177 mm | 29kg | 4U | SP300VAC3000W | 8201-112-30-001 8201-112-30-004 8201-112-30-005 8201-112-30-008 | 8201-112-30-002 8201-112-30-003 8201-112-30-006 8201-112-30-007 | 1. 150Vac 2. 300Vac | 27.6A@150Vac | 0~3000W | 13.8A@300Vac | | 4 | CE/CSA/UL | |
| 4 | AC Source 2000W | 649x483x133 mm | 21.4kg | 3U | SP300VAC2000W | 8201-113-30-001 8201-113-30-004 8201-113-30-005 8201-113-30-008 | 8201-113-30-002 8201-113-30-003 8201-113-30-006 8201-113-30-007 | 1. 150Vac 2. 300Vac | 16A@150Vac | 0~2000W | 8A@300Vac | | 4 | CE/CSA/UL | |
| 5 | AC Source 1500W | 500x483x88 mm | 15kg | 2U | SP300VAC1500W | 8201-200-30-001 8201-200-30-004 8201-200-30-005 8201-200-30-008 | 8201-200-30-002 8201-200-30-003 8201-200-30-006 8201-200-30-007 | 1. 150Vac 2. 300Vac | 13.8A@150Vac | 0~1500W | 6.9A@300Vac | | Oct.15th, 2017 | 4 | CE/CSA/UL |
| 6 | AC Source 1000W | 500x483x88 mm | 15kg | 2U | SP300VAC1000W | 8201-114-30-001 | 8201-114-30-002 | 1. 150Vac 2. 300Vac | 9.2A@150Vac | 0~1000W | 4.6A@300Vac | | Oct.15th, 2017 | 4 | CE/CSA/UL |
| 7 | AC Source 500W | 500x483x44 mm | 10kg | 2U | SP300VAC500W | 8201-115-30-001 | 8201-115-30-002 | 1. 150Vac 2. 300Vac | 5A@150Vac | 0~500W | 2.5A@300Vac | | Oct.15th, 2017 | 4 | CE/CSA/UL |

Remark :

1. certification and standards:

- | | |
|-----------------|---|
| CE:C20131459003 | 1. IEC/EN61010-1: 2010 2. IEC61010-2-030: 2010 3. EN61326-1: 2013 |
| CE:C20150706001 | 1. IEC/EN61010-1: 2010 2. IEC61010-2-030: 2010 3. EN61326-1: 2013 |
| CE:C20131127002 | 1. EN61010-1: 2010 2. EN61326-1: 2013 |
| CSA/UL:70022352 | 1. CAN/CSA-C22.2 No.61010-1-12 2. UL Std. No. 61010-1(3rd Edition) |
| WMTC-569 | ISO/IEC 17025:2005 (APM laboratory certification) |

2. AC Source: two switches for output optional; less than 150Vac, it would be more accurate with switch 150Vac;



Linear Programmable DC Power Supply

| MODE | LP100VDC150W | LP100VDC300W | LP75VDC300W |
|--------------------------------|----------------------------|----------------------------|---------------------------|
| Input Voltage Range | 220VAC±10%/110VAC±10% | 220VAC±10%/110VAC±10% | 220VAC±10%/110VAC±10% |
| Input Frequency Range | 47~63Hz | 47~63Hz | 47~63Hz |
| Rated Output Power | 150W | 300W | 300W |
| Channel | Single Channel | Dual Channel | Dual Channel |
| Voltage Rated Output | 0~100V | 0~100V | 0~75V |
| Current Rated Output | 0~1.5A | 0~1.5A | 0~2A |
| Voltage Load Regulation | <0.02%+2mV | <0.02%+2mV | <0.01%+0.5mV |
| Current Load Regulation | <0.01%+2mA | <0.01%+2mA | <0.01%+0.5mA |
| Voltage Setting Regulation | 1mV | 1mV | 1mV |
| Current Setting Regulation | 0.05mA | 0.05mA | 0.05mA |
| Voltage Measurement Resolution | 0.1mV | 0.1mV | 0.1mV |
| Current Measurement Resolution | 0.01mA | 0.01mA | 0.01mA |
| Voltage Setting Accuracy | 0.01%+5mV | 0.01%+5mV | 0.01%+5mV |
| Current Setting Accuracy | 0.05%+0.5mA | 0.05%+0.5mA | 0.05%+0.5mA |
| Voltage Measurement Accuracy | 0.02%+12mV | 0.02%+12mV | 0.02%+12mV |
| Current Measurement Accuracy | 0.05%+2mA | 0.05%+2mA | 0.05%+2mA |
| Volmeter Accuracy | 0~100V Accuracy: 0.02%+5mV | 0~100V Accuracy: 0.02%+5mV | 0~75V Accuracy: 0.02%+5mV |
| Voltage Ripple | 70mVp-p/5mVrms | 70mVp-p/5mVrms | 70mVp-p/5mVrms |
| Current Ripple | 1mA | 1mA | 1mA |
| Temperature Coefficient | 300ppm/°C (TYP Value) | 300ppm/°C (TYP Value) | 300ppm/°C (TYP Value) |
| Storage Temperature | -20 ~ 70 °C | -20~70°C | -20~70°C |
| Operating Environment | 0~50°C 0~95%RH | 0~50°C 0~95%RH | 0~50°C 0~95%RH |
| Cooling | Forced air cooling | Forced air cooling | Forced air cooling |
| Weight | 12.2kg | 19.2kg | 19.2kg |
| Dimension (W X H X D)☐ | 482.0x133.0x477.0 mm | | |
| Certification | CE | | |

Note:

All specifications are subject to change without notice. Please visit our website for the most up to date specifications.

