



### 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.