

Programmable Linear A.C. Power Source APS-7050/7100



APS-7050: 500VA, 310Vrms, 4.2Arms
APS-7100: 1000VA, 310Vrms, 8.4Arms

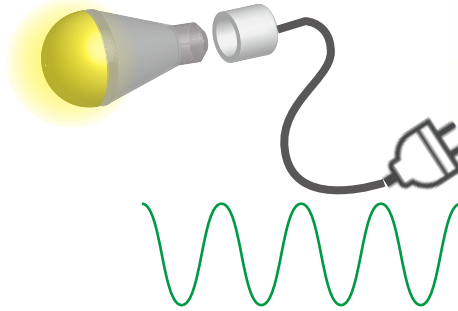
APS-7000/7000E series features power characteristics from its linear structure design including low noise, low THD, and highly stabilized power output, that are ideal for the product development and verification of input power with low noise requirement or Evaluation of LED drive power supply, LED illumination test, stereo, video and audio device applications, etc.

✓ Various LED lamps, lighting test

LUX METER



LED lamp



Low noise, low THD, and highly stabilized power output



Voltage Accuracy:
Frequency Accuracy:
THD *2 :
Load regulation:

± (0.5% of setting + 2 counts)
± 0.02% of Setting
≤ 0.5% at 45 ~ 500Hz (Resistive Load)
0.5% (% of full scale)

AC Output	APS-7050	APS-7100
Power Rating	500 VA	1000 VA
Output Voltage	0 ~ 155Vrms / 0 ~ 310.0 Vrms	
Output Frequency	45.00 ~ 500.0 Hz	
Maximum Current (r.m.s) *1		
0 ~ 155 Vrms	4.2 A	8.4 A
0 ~ 310 Vrms	2.1 A	4.2 A
Maximum Current (peak)		
0 ~ 155 Vrms	16.8 A	33.6 A
0 ~ 310 Vrms	8.4 A	16.8 A
Phase	Single Phase, Two Wire (1P2W)	
Total harmonic distortion (THD) *2	≤ 0.5% at 45 ~ 500Hz (Resistive Load)	
Crest factor	≥ 4	
Line regulation	0.1% (% of full scale)	
Load regulation	0.5% (% of full scale)	
Response time	< 100 μS	

*1 Maximum output current at working voltage 120Vrms, 240Vrms

*2 45 Hz to 500 Hz, 10% or higher of the rated output voltage, the maximum current or lower.