

6700 Series

Linear Programmable AC Power Source

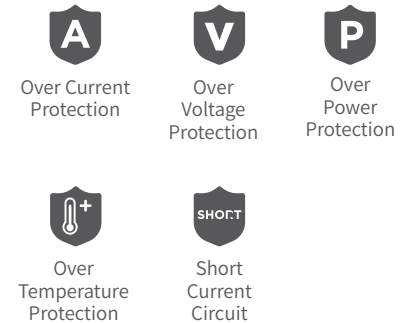
The 6700 Series Linear Programmable AC Power Source delivers clean, reliable power with versatile functionality. Its ultra-low noise design is ideal for sensitive applications such as networking communication, audio & video equipment, and surveillance systems. Experience precise and interference-free performance, ensuring optimal operation for your critical equipment.



Key Highlight

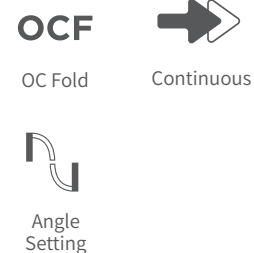
- 0.1mA/0.01W high resolution measurement feature (optional).
- EEC proprietary Over Current Fold (OCF) function automatically adjust voltages, maintaining current for activating the DUT.
- Ultra-low noise design on output voltage.
- Wide output voltage range of 0 - 600Vac and frequency range of 45 - 1000Hz (optional).
- Integrated with the latest high density power technologies with compact design; 1kVA with 89mm height only, which require less space for the tests.
- The rapid transient reaction allows the waveforms to restore within 100us whenever loads are either added or removed instantly.

Protection



Safety and Productivity

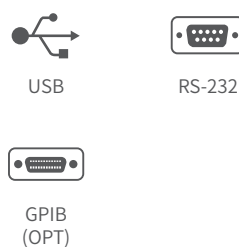
Features



EEC Benefits



Available Interface



Specifications – 6700 Series (APAC Only)

6700 Series						
MODEL		6705	6710	6720	6730	6750
AC OUTPUT						
Phase		1Ø				
Power Rating		500VA	1kVA	2kVA	3kVA	5kVA
Voltage	Range	0 - 300V, 150/300V Auto or 0 - 600V, 300/600V Auto (Optional 0 - 600V)				
	Resolution	0.1/0.2V				
	Accuracy	±(0.5% of setting + 2 counts)				
Max. Current (r.m.s)	0 - 150V	4.2A	8.4A	16.8A	25.2A	42 A
	0 - 300V	2.1A	4.2A	8.4A	12.6A	21A
Max. Current (r.m.s) for Optional 0 - 600V	0 - 300V	2.1A	4.2A	8.4A	12.6A	21A
	0 - 600V	1.05A	2.1A	4.2A	6.3A	10.5A
Max. Current (r.m.s) for Optional 0 – 1kV	0 - 500V	-	2A	4A	-	-
	0 - 1kV	-	1A	2A	-	-
Frequency	Range	45 - 500Hz/45 - 1kHz (Optional 45Hz - 1kHz) Full Range Adjust				
	Resolution	0.1Hz at 45 - 99.9Hz, 1Hz at 100 - 1kHz				
	Accuracy	± 0.02% of setting				
Total Harmonic Distortion (THD)		< 0.3% at 110/220V & 50/60Hz (Resistive Load)				
Inrush Current		4 times rated Current (r.m.s)				
Crest Factor		4 times rated Current (r.m.s)				
Line Regulation		0.1% max for ± 10% line change				
Load Regulation		≤ 0.5% (Resistive Load)				
INPUT						
Phase		1Ø				
Voltage		115/230VAc ± 15%		230VAc ± 15%		
Max. Current		16/8A	30/16A	30A	50A	75A
Frequency		47 - 63 Hz				
Power Factor		0.7				
MEASUREMENT						
Voltage	Range	0.0 - 300.0V/0.0 - 600.0V	0.0-300.0V/0.0-600.0V/0-1kV		0.0-300.0V/0.0-600.0V	
	Resolution	0.1V/0.2V/1V				
	Accuracy	±(0.5% of reading + 2 counts)				
Current	Range	L	0.000 - 3.500A			0.000 - 7.000A
		H	3.00 - 35.00A			6.00 - 42.00A
	Resolution	L	0.001A			0.002A
		H	0.01A			0.02A
	Accuracy	L	±(0.5% of reading + 5counts) for 5 - 300V/±(0.5% of reading + 10 counts) for 5 - 600V, 5 - 1kV			
		H	±(0.5% of reading + 3 counts) at Voltage > 5V			
Current for Optional High Resolution Meter	Range	2.0 - 350.0mA		-	-	-
	Resolution	0.1mA		-	-	-
	Accuracy	±(0.6% of reading + 5counts) ±(1% of reading + 5counts) for Optional 0 - 600V		-	-	-
Frequency	Range	0.0 - 1000.0Hz				
	Resolution	0.1Hz				
	Accuracy	± 0.1Hz at 45.0 - 500.0Hz/± 0.5 Hz at 501.0 - 1000.0Hz				
Power	Range	L	0.0 - 350.0W			
		H	300 - 4000W			
	Resolution	L	0.1W			
		H	1W			
	Accuracy	L	±(0.6% of reading + 5 counts)/±(0.5% of reading + 30 counts)			
		H	±(0.6% of reading + 2 counts)/±(0.5% of reading + 5 counts)			

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MODEL	6705	6710	6720	6730	6750
GENERAL					
Surge/Drop	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				
Remote Input Signal Interface (Optional)	Test, Reset, Recall memory 1 through 7				
Remote Output Signal	Pass, Fail, Test-in Process				
I/P Terminal	Inlet	Terminal			
Memory	50 memories, 9 steps/memory				
Sync Output Signal	Output Signal 10V, BNC type, Between the sync signal and the output voltage will be 0.5ms time difference				
Display	240 x 64 dot resolution Monographic LCD/Contrast 9 Levels 1 - 9				
Efficiency	≥ 40% (at Full Load)				
Protection	OCP, OVP, OPP, OTP, LVP, Short Circuit ; Alarm and shutdown				
Interface	Standard USB & RS232, Optional GPIB, PLC Remote Input Card				
Op./Non-Op. Temp./Humidity	0 to 40°C/-40 to 75°C/20 to 80%RH				
Dimension (W x H x D), mm	430 x 89 (111.5) x 400	430 x 89 (111.5) x 560 (588)	430 x 268 (355) x 650 (730)	430 x 624 (711) x 650 (730)	430 x 624 (711) x 650 (730)
Weight	24kg	39kg	90kg	205kg	205kg
INBOX ACCESSORIES					
1224 USB Cable*1					

Subject to change without prior notice.