

Model	1737		1747	
Output Ratings (0 °C~40 °C)				
Voltage	0-60 V			
Current	0-3 A (0-30 V range) 0-2 A (0-60 V range)		0-10 A (0-35 V range) 0-5 A (0-60 V range)	
Load Regulation ±(% of output+offset)				
Voltage	0.01% + 3 mV		0.01% + 5 mV	
Current	0.2% + 3 mA			
Line Regulation ±(% of output+offset)				
Voltage	0.01% + 3 mV			
Current	0.2% + 3 mA			
Ripple & Noise (20 Hz ~ 20 MHz)				
Voltage	1 mVrms			
Current	≤ 3 mArms			
Recovery Time				
Time	≤ 100 μs			
Meter Resolution				
Voltage	10 mV			
Current	1 mA		1 mA (0-5 A) 10 mA (5-10 A)	
Meter Accuracy				
Voltage	0.5% + 9 digits		0.5% + 5 digits	
Current	0.5% + 9 digits		0.5% + 5 digits	
General				
AC Input	120/220 VAC ±10%, 50/60 Hz		115/230 VAC ±10%, 50/60 Hz	
Power Consumption	≤ 180 VA		≤ 560 VA	
Protection	Reverse polarity, current limiting			
Operating Environment				
Temperature	32 °F to 104 °F (0 °C to 40 °C)			
Humidity	75% R.H.			
Temperature coefficient (0 °C~35 °C) (% of output+offset)	300 ppm/°C			
Storage Temperature	5 °F to 158 °F (-15° to +70° C)			
Storage Humidity	85% R.H.			
Mechanical Specifications				
Weight	10.5 lbs (4.8 kg)		30.2 lbs (13.7 kg)	
Dimensions (W x H x D)	5.5" x 6.2" x 12.5" (140 x 158 x 318 mm)		10.75" x 6" x 14" (273 x 153 x 356 mm)	
Two-Year Warranty				
Included Accessories	Power cord, instruction manual, RS-232 cable, shorting bar			