

Model	9115 & 9115-AT	9116	9117
Output Rating			
Voltage	0 – 80 V	0 – 150 V	0 – 80 V
Current	0 – 60 A	0 – 30 A	0 – 120 A
Max Output Power	1200 W		3000 W
Load Regulation⁽¹⁾⁽²⁾			
Voltage	0.01 % + 5 mV	0.05 % + 30 mV	
Current	0.1 % + 10 mA	0.1 % + 30 mA	
Line Regulation⁽²⁾			
Voltage	0.02 % + 1 mV	0.02 % + 20 mV	
Current	0.02 % + 1 mA	0.02 % + 10 mA	
Programming/Readback Resolution			
Voltage	1 mV	3 mV	2 mV
Current	1 mA		3 mA
Programming/Readback Accuracy⁽²⁾			
Voltage	0.02 % + 30 mV	0.05 % + 30 mV	
Current	0.1 % + 60 mA	0.2 % + 30 mA	0.2% + 120 mA
Ripple (20 Hz – 20 MHz)			
Voltage	≤ 60 mVpp		≤ 80 mVpp
Current	100 mArms	40 mArms	120 mArms
Temperature Coefficient (0 °C – 40 °C)⁽²⁾			
Voltage	0.02 % + 30 mV		
Current	0.05 % + 10 mA		
Readback Temperature Coefficient (0 °C – 40 °C)⁽²⁾			
Voltage	0.02 % + 30 mV		
Current	0.05 % + 5 mA		
General			
Efficiency	73% (120 VAC) 75% (220 VAC)	75% (120 VAC) 80% (220 VAC)	80% (220 VAC)
Power Factor (full load)	0.99	0.99	0.99
Standard Interface	USB, GPIB, RS-232, RS-485		USB, GPIB, RS-232, RS-485, Ethernet
AC Input	115/230 VAC ± 10 %, 47 Hz – 63 Hz		220 VAC ± 10 %, 47 Hz – 63 Hz
Input Current (nominal)	13.8 A (120 VAC) 7.3 A (220 VAC)	13.3 A (120 VAC) 6.9 A (220 VAC)	17.1 A (220 VAC)
Operating Temperature	32 °F – 104 °F (0 °C – 40 °C)		
Storage Temperature	-4 °F – 158 °F (-20 °C – 70 °C)		
Safety	EN61010-1:2001, EU Low Voltage Directive 2006/95/EC		
Electromagnetic Compatibility	Meets EMC Directive 2004/108/EC, EN 61000-3-2:2006, EN 61000-3-3:1995+A1:2001+A2:2005 EN 61000-4-2/-3/-4/-5/-6/-11, EN 61326-1:2006		
Dimensions (W x H x D)	16.32" x 1.75" x 19.02" (414.5 x 44.5 x 483.2 mm)		17.19" x 3.52" x 20.95" (436.5 x 89.3 x 532 mm)
Weight	18.74 lbs (8.5 kg)		37.48 lbs (17 kg)
One-Year Warranty			
Included Accessories	User manual, AC power cord (9115, 9115-AT, and 9116 only), unterminated AC power cord with input connector (9117 only), certificate of calibration and test report		