

General Specifications

Models 3000 A / D, 6000 A / D series

Output Voltage	Zero to rated voltage continuously variable with front panel voltage knob
Output Current	Zero to rated current continuously variable with front panel current knob
Line Regulation	CV $\pm 0.01\%$ + 2mV; CC $\pm 0.01\%$ + 2mA
Load Regulation	CV $\pm 0.01\%$ + 2mV; CC < 10mA @ 100W; < 15mA @ above 100W
Ripple & Noise	CV < 0.5 mVrms @ 100W; < 1 mVrms @ above 100W CC < 1 mArms @ 100W; < 3 mArms @ above 100W
Transient Response	< 100 μ S to within 0.1% of set voltage (50% to 100% load change)
Output Impedance	< 2 m Ω + 2 mH
Operating Range	0 to 40°C ambient temperature
Display Accuracy	3% of full scale (Analog meter); $\leq 0.1\%$ + 2 digits (Digital meter)
Overload Protection	Automatic crossover from CV to CC mode
Series Connection	Different models can be chained to increase output up to 240 Vdc
Parallel Connection	Another same model can be paralleled to increase output to 24 Amps.
Power Requirement	100/ 120/ 220/ 240 $\pm 10\%$ Vac; 50/60 Hz single phase
Accessories Supplied	Power cord; hook-up leads; instruction manual

Other Specifications

Model 6000 A / D series only

5V / 5A Fixed Supply	Regulation ≤ 10 mV; Ripple & Noise ≤ 2 mVrms; Output: 5V ± 0.25 V
Tracking Accuracy	$\pm 0.2\%$ + 10 mV
Operation Mode Switch	
Independent	Two fully independent variable supplies at rated voltage and current and a fixed 5V/ 5A supply
Series	One variable supply with 2X rated voltage output at rated current. Or, one dual polarity tracking supply with rated output and current. Plus a fixed 5V/ 5A supply.
Parallel	One variable supply with rated voltage at 2X rated current and a fixed 5V/5A supply.