

SPECIFICATIONS 1

Model	6200-7	6200-15	6200-20	6200-30	6200-60	6200-120
Output Ratings						
Output Voltage	0-7V	0-15V	0-20V	0-30V	0-60V	0-120V
Output Current	0-6A	0-4A	0-3A	0-2A	0-1A	0-0.5A
Output Power	42W	60W	60W	60W	60W	60W
Line Regulation 2						
Voltage (0.01% of Vmax+2mV)	2.7mV	3.5mV	4mV	5mV	8mV	14mV
Current (0.01% of Imax+250mA)	0.85A	0.65mA	0.55mA	0.45mA	0.35mA	0.3mA
Load Regulation 3						
Voltage (0.01% of Vmax+2mV)	2.7mV	3.5mV	4mV	5mV	8mV	14mV
Current (0.01% of Imax+250mA)	0.85mA	0.65mA	0.55mA	0.45mA	0.35mA	0.3mA
Meter Accuracy						
Voltage (1% of Vmax+1 count)	0.08V	0.25V	0.3V	0.4V	0.7V	2.2V
Current (1% of Imax+1 count)	0.07A	0.05A	0.04A	0.03A	0.02A	0.006A
Output Noise and Ripple (20Hz-20MHz)						
Voltage					<1mVrms	
Current					<2mA rms	
Stability 4						
Voltage (0.02% of V max)	1.4mV	3mV	4mV	6mV	12mV	24mV
Current (0.03% of I max)	1.8mA	1.2mA	0.9mA	0.6mA	0.3mA	0.15mA
Temperature Coefficient 5						
Voltage (0.015% of V max/°C)	1.05mV	2.25mV	3mV	4.5mV	9mV	18mV
Current (0.02% of I max/°C)	1.2mA	0.8mA	0.6mA	0.4mA	0.2mA	0.1mA
Front Panel Voltage Control Resolution(0.02% of Vmax)	1.4mV	3mV	4mV	6mV	12mV	24mV

1 Specifications are warranted over a temperature range of 0-30°C with default local sensing. Above 30°C, derate output linearly to zero at 70°C.

2 For input voltage variation over the AC input voltage range, with constant rated load.

3 For 0-100% load variation, with constant nominal line voltage.

4 Drift over 8 hours after 30-minute warmup

5 Change in output per°C change in ambient temperature, with constant line and load.

Remote Analog Programming (option): 0-10Vac for 0-100% of rated voltage or current $\pm 0.1\%$, 0-10k Ω for 0-100% of rated voltage or current $\pm 0.1\%$

OVP Trip Range: 3V to full output +10%

Remote On/Off: 2 to 25Vdc high. <0.8Vdc low. User-selectable logic.

Tracking Accuracy: $\pm 1\%$

Maximum Voltage Differential from Output to Safety Ground: 400Vdc

Operating Ambient Temperature: 0-30°C for full rated output. Above 30°C, derate output linearly to zero at 70°C

Storage Temperature Range: -55 to +85°C

Humidity Range: 0-80% RH Non-condensing

Voltage Mode Transient Response Time: <100 μ s recovery to 0.05% band, for $\pm 50\%$ load change in the range of 25% to 100% of the rated load

Front Panel Control: 10-turn voltage and 1-turn current potentiometers (10-turn current control optional)

Front Panel Voltage Control Resolution: 0.02% of Vrms

Weight: 4.3 Kgs (9.5 lbs)

Agency Approvals: CSA, CE

Dimension Size (WxHxD): 109x132x297 mm