Chroma 6260 Series of variable-output, programmable DC power supplies are designed for use in ATE, burn-in, plating, and other high power systems for a broad range of Test & Measurement applications.

The 6260 Series of constant voltage, constant current power supplies are available in power ranges within 6KW. All models have 10-turn voltage and current controls that vary the voltage (10V–600V) and current (10A–600A) outputs from zero to the maximum rated values. The action of constant voltage changes to constant current occurs automatically when the load current exceeds the control settings. It also provides an adjustable current limit that allows to be set without short-circuiting the output.

The 6260 Series programmable DC power source incorporates modern power factor correction circuitry to increase the input power factor more than 0.95 to meet IEC regulation, thus reducing the input current requirement and raises the efficiency over 85%.

The 6260 Series have user programmable 100 sequential front panel input status for automated test application. Furthermore, the real time measurement of voltage and current uses a 16-bit digital control with bright vacuum fluorescent display readout, bar graphs and status indicators.

The 6260 Series can be operated easily either from the front panel keypad or from remote controller via GPIB (option), and RS-232  & APG (standard) with the size of 5.22 inch, it is very compact and able to stack easily in a standard rack.

For quality and safety, the 6260 Series is certified by CSA, UL, CE and built with standard over voltage protection (OVP) and thermal shutdown. Chroma 6260 series is a reliable instrument for testing from components to new product development.

**Key Features:**
- 9 models
- Three phase, 208 VAC input
- Digital encoder knobs, keypad and function keys
- Power Factor Correction (0.95)
- Embedded controller for front panel sequencing
- Zero voltage "soft" switching for low noise, high reliability and high efficiency
- 16-bit digital control with bright vacuum fluorescent display readout, bar graphs and status indicators
- LabView® and Labwindows®
- Automatic Voltage / current mode exchange
- Constant power mode
- 10 store / recall locations and 99 step sequencing
- Remote sense, 5V line loss compensation
- Current sharing for parallel operation
- Optional IEEE-488.2 GPIB control with SCPI and RS-232 standard interface
- OVP, current limit, thermal protection
- UL, CSA, CE
## SPECIFICATIONS

### Model

<table>
<thead>
<tr>
<th>Model</th>
<th>6260-10</th>
<th>6260-20</th>
<th>6266-30</th>
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### Notes:
1. Minimum output voltage is <0.3% of rated voltage at zero output setting.
2. Minimum output current is <0.2% of rated current at zero output setting when measured with rated line load.
3. For input voltage variation over the AC input voltage range with constant rated load.
4. For 0-100% load variation with constant nominal line voltage.
5. Current mode noise is measured from 10% to 100% of rated output voltage, full current.
6. Typical efficiency at nominal input voltage and full output power.
7. Isolation: 600Vdc (Output to Chassis).
8. Maximum drift over 8 hours with constant line, load, and temperature after 30 minute warm-up.
9. Change in output per °C change in ambient temperature with constant line and load.
10. Accuracy specifications apply for settings in range of 1% to 100% of rated output.

### General Specification:
AC input voltage operating range:
190-242 Vac 3 phase 3 wire + safety ground, 208 Vrms at 20Arms
AC line input voltage frequency range: 47-63 Hz
Maximum AC line input inrush current: 35 Arms
AC line input power factor: 0.95
Operating Temperature Range: 0˚C ~ 50˚C
Storage Temperature Range: -40˚C ~ +85˚C
Transient Response Time = 3 ms (voltage mode)

### Ordering Information:
6260-10: DC Power Source 10V / 600A / 6 kW
6260-20: DC Power Source 20V / 300A / 6 kW
6260-30: DC Power Source 30V / 200A / 6 kW
6260-40: DC Power Source 40V / 150A / 6 kW
6260-60: DC Power Source 60V / 100A / 6 kW
6260-80: DC Power Source 80V / 75A / 6 kW
6260-100: DC Power Source 100V / 60A / 6 kW
6260-150: DC Power Source 150V / 40A / 6 kW
6260-300: DC Power Source 300V / 20A / 6 kW
6260-600: DC Power Source 600V / 10A / 6 kW
A626001: GPIB Interface for Model 6260 Series

### Developed and Manufactured by:
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