



Power Supplies

- ▶ [2000](#) ▶ [3000](#) ▶ [6000](#)

Function Generators

- ▶ [8110](#) ▶ [8120](#) ▶ [8130](#) ▶ [8140](#) ▶ [8150](#)

Frequency Counters

- ▶ [1210](#) ▶ [1220](#)

Digital Multimeters

- ▶ [1320](#) ▶ [1330](#)

Digital Watt Ammeter

- ▶ [1310](#)

6000A



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6000 Analog Display Models

6302A	0-30V/0-2A x 2; 5V/5A Triple
6303A	0-30V/0-3A x 2; 5V/5A Triple
6306A	0-30V/0-6A x 2; 5V/5A Triple
6603A	0-60V/0-3A x 2; 5V/5A Triple

Specification for Topward 6000 Analog DC Power Supply

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±0.01%+2mV; CC±0.01%+2mA
Load Regulation	CV±0.01%+2mV; CC<10mA @ 100W;<15mA @ above 100W
Ripple & Noise	CV<0.5mVrms @ 100W; <1mVrms @ above 100W CC<1mArms @ 100W; <3mArms @ above 100W
Transient Response	<100µS to within 0.1% of set voltage (50% to 100% load change)
Output Impedance	<2mW +2mH
Operating Range	0 to 40° C ambient temperature
Display Accuracy	3% of full scale
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

5V/5A Fixed Supply	Regulation $\leq 10\text{mV}$; Ripple & Noise $\leq 2\text{mVrms}$; Output: $5\text{V} \pm 0.25\text{V}$
Tracking Accuracy	$\pm 0.2\% + 10\text{mV}$
Operation Mode Switch	
Independent: Series: Parallel:	Two fully independent variable supplies at rated voltage and current and a fixed 5V/5A supply One variable supply with 2X rated voltage output at rated current. Or, One dual polarity tracking supply with rated output and current. Plus A 5V/5A supply One variable supply with rated voltage at 2X rated current and a fixed 5V/5A supply
Power Requirement	100/120/220/240 $\pm 10\%$ Vac; 50/60Hz single phase
Accessories Supplied	Power cord; hook-up leads; instruction manual

6000D



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6000 Digital Display Models

6302D	0-30V/0-2A x 2; 5V/5A Triple
6302D-10	0-30V/0-2A x 2; 5V/5A Triple, 10-turn V control
6303D	0-30V/0-3A x 2; 5V/5A Triple
6303D-10	0-30V/0-3A x 2; 5V/5A Triple, 10-turn V control
6306D	0-30V/0-6A x 2; 5V/5A Triple
6306D-10	0-30V/0-6A x 2; 5V/5A Triple, 10-turn V control

6603D	0-60V/0-3A x 2; 5V/5A Triple
6603D-10	0-60V/0-3A x 2; 5V/5A Triple, 10-turn V control

Specification for Topward 6000 Digital DC Power Supply

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±0.01%+2mV; CC±0.01%+2mA
Load Regulation	CV±0.01%+2mV; CC<10mA @ 100W;<15mA @ above 100W
Ripple & Noise	CV<0.5mVrms @ 100W; <1mVrms @ above 100W CC<1mArms @ 100W; <3mArms @ above 100W
Transient Response	<100µS to within 0.1% of set voltage (50% to 100% load change)
Output Impedance	<2mW +2mH
Operating Range	0 to 40° C ambient temperature
Display Accuracy	±0.1%+2 digits
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
5V/5A Fixed Supply	Regulation± 10mV; Ripple & Noise±2mVrms; Output: 5V± 0.25 V
Tracking Accuracy	± 0.2%+10mV
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 Parallel: supply with rated output and current. Plus A 5V/5A supply One variable supply with rated voltage at 2X rated current and a fixed 5V/5A supply
Series:	
Parallel:	
Power Requirement	100/120/220/240±10% Vac; 50/60Hz single phase

**Accessories
Supplied**

Power cord; hook-up leads; instruction manual

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