

SpenceTek, Inc. Topward Electric Instruments Co., Ltd.

[Products](#) [About Topward](#) [Specials](#) [Tech Support](#) [Contact Us](#) [Home](#)



[Click here for larger image.](#)

3000 Analog Display Models

3302A	0-30V/0-2A Single
3303A	0-30V/0-3A Single
3601A	0-60V/0-1A Single

- **Net Weight:** 9.5 lbs.
- **Product Dimensions:** 4.7"(W) x 6.3"(H) x 7.9"(D)

Specification for Topward 3000 Analog DC Power Supply

Output Voltage	Zero to rated voltage continuously variable with front panel coarse and fine voltage knobs
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<0.5mVrms @ 100W; <1mVrms @ above 100W CC<1mArms @ 100W; <3mArms @ above 100W
Transient Response	<100 μ S to within 0.1% of set voltage (50% to 100% load change)
Output Impedance	<2milli-Ohm +2 μ H
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
Power Requirement	100/120/220/240±10% Vac; 50/60Hz single phase
Accessories Supplied	Power cord; hook-up leads; instruction manual



[Click here for larger image.](#)

3000 Digital Display Models

3185D	0-18V/0-5A Single
3302D	0-30V/0-2A Single
3303D	0-30V/0-3A Single
3306D	0-30V/0-6A Single
33010D	0-30V/0-10A Single
3601D	0-60V/0-1A Single
3603D	0-60V/0-3A Single

- **Net Weight:**

- 9.5 lbs (3185D, 3302D, 3303D, 3601D)
- 18.9 lbs (3306D, 3603D)
- 28.6 lbs (33010D)

- **Product Dimensions:**

- 4.7"(W) x 6.3"(H) x 7.9"(D) (3185D, 3302D, 3303D, 3601D)
- 9.1"(W) x 6.3"(H) x 12.8(D) (3306D, 3603D)
- 9.1"(W) x 6.3"(H) x 14.4"(D) (33010D)

Specification for Topward 3000 Digital DC Power Supply

Output Voltage	Zero to rated voltage continuously variable with front panel coarse and fine voltage knobs
----------------	--

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$0.01%+2mV; CC<10mA @ 100W;<15mA @ above 100W
Ripple & Noise	CV<0.5mVrms @ 100W; <1mVrms @ above 100W CC<1mArms @ 100W; <3mArms @ above 100W
Transient Response	<100μS to within 0.1% of set voltage (50% to 100% load change)
Output Impedance	<2mW +2mH
Operating Range	0 to 40° C ambient temperature
Display Accuracy	± 0.1%+2 digits
Overload Protection	Automatic crossover from CV to CC mode
Series Connection	Different models can be chained to increase output up to 240 Vdc
Parallel Connection	Another same model can be paralleled to increase output to 24 Amps
Power Requirement	100/120/220/240$\pm$10% Vac; 50/60Hz single phase
Accessories Supplied	Power cord; hook-up leads; instruction manual