



ST3000 Analog Display Models

ST3302A	0-30V/0-2A Single
ST3303A	0-30V/0-3A Single
ST3601A	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 ST 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	<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
Power Requirement	100/120/220/240 \pm 10% Vac; 50/60Hz single phase
Accessories Supplied	Power cord; hook-up leads; instruction manual

ST SERIES



ST3000 Digital Display Models

ST3302D	0-30V/0-2A Single
ST3303D	0-30V/0-3A Single
ST3306D	0-30V/0-6A Single
ST33010D	0-30V/0-10A Single
ST3601D	0-60V/0-1A Single
ST3603D	0-60V/0-3A Single

- **Net Weight:**
 - 9.5 lbs (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) (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 ST 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	<100 μ S 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	\pm 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



6000 Analog Display Models

ST6302A	0-30V/0-2A x 2; 5V/5A Triple
ST6303A	0-30V/0-3A x 2; 5V/5A Triple
ST6306A	0-30V/0-6A x 2; 5V/5A Triple
ST6603A	0-60V/0-3A x 2; 5V/5A Triple

Specification for ST 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 \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<1mA rms @ 100W; <3mA rms @ above 100W
Transient Response	<100 μ S to within 0.1% of set voltage (50% to 100% load change)
Output Impedance	<2m Ω +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 \pm 10mV; Ripple & Noise \pm 2mVrms; Output: 5V \pm 0.25 V
Tracking Accuracy	\pm 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 supply with rated output and current. Plus A 5V/5A supply
Parallel:	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

6000 Digital Display Models



ST6302D	0-30V/0-2A x 2; 5V/5A Triple
ST6302D-10	0-30V/0-2A x 2; 5V/5A Triple, 10-turn V control
ST6303D	0-30V/0-3A x 2; 5V/5A Triple
ST6303D-10	0-30V/0-3A x 2; 5V/5A Triple, 10-turn V control
ST6306D	0-30V/0-6A x 2; 5V/5A Triple
ST6306D-10	0-30V/0-6A x 2; 5V/5A Triple, 10-turn V control
ST6603D	0-60V/0-3A x 2; 5V/5A Triple
ST6603D-10	0-60V/0-3A x 2; 5V/5A Triple, 10-turn V control

Specification for ST 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 \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	<2mW +2mH
Operating Range	0 to 40° C ambient temperature
Display Accuracy	\pm 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 \pm 10mV; Ripple & Noise \pm 2mVrms; Output: 5V \pm 0.25 V
Tracking Accuracy	\pm 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
Power Requirement	100/120/220/240 \pm 10% Vac; 50/60Hz single phase
Accessories Supplied	Power cord; hook-up leads; instruction manual