

# DC POWER SUPPLY SERIES



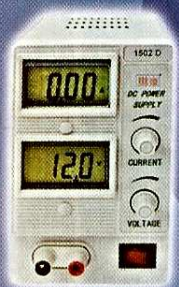
3003 - 2



3003



3002 - 3 D2



1502 D



3002 - 2 A



3010



3003 - 2 A2



3003 A

**VAR TECH**™

## FEATURE:

High Stabilized constant voltage and current. Voltage & Current can be adjusted from zero to certain value. Current restricted protection and short-circuit protection is provided. Double power can be used both series and parallel connection, series voltage or parallel current. 3 1/2 digit 0.5 inch display or analog display provided for indication.

MODEL (Single Output)	1502 A	1503 A	1802 A	1803 A
		1502 D	1503 D	1802 D
Output Voltage	0 ~ 15 V	0 ~ 15 V	0 ~ 18 V	0 ~ 18 V
Output Current	0 ~ 2 A	0 ~ 3 A	0 ~ 2 A	0 ~ 3 A

MODEL (Single Output)	3002	3003	3005	5002	5003
	3002 A	3003 A	3005 A	5002 A	5003 A
	3002 D	3003 D	3005 D	5002 D	5003 D
Output Voltage	0 - 30 V	0 - 30 V	0 - 30 V	0 - 50 V	0 - 50 V
Output Current	0 - 2 A	0 - 3 A	0 - 5 A	0 - 2 A	0 - 3 A

MODEL (Single Output)	3010	3020	5010	5005
		3010 A	3020 A	5010 A
Output Voltage	0 - 30 V	0 - 30 V	0 - 50 V	0 - 50 V
Output Current	0 - 10 A	0 - 20 A	0 - 10 A	0 - 5 A

MODEL (Dual & Multi Output)	3002 - 2	3003 - 2	3005 - 2	3002 - 3	3003 - 3	3005 - 3
	3002 - 2 A	3003 - 2 A	3005 - 2 A			
	3002 - 2 A2	3003 - 2 A2	3005 - 2 A2	3002 - 3 A2	3003 - 3 A2	3005 - 3 A2
	3002 - 2 D2	3003 - 2 D2	3005 - 2 D2	3002 - 3 D2	3003 - 3 D2	3005 - 3 D2
Output Voltage	2 * 0 - 30 V	2 * 0 - 30 V	2 * 0 - 30 V	2 * 0 - 30 V	2 * 0 - 30 V	2 * 0 - 30 V
Output Current	2 * 0 - 2 A	2 * 0 - 3 A	2 * 0 - 5 A	2 * 0 - 2 A	2 * 0 - 3 A	2 * 0 - 5 A
Regular Output	NO	NO	NO	5 V, 3 A	5 V, 3 A	5 V, 3 A

MODEL (Dual Output)	5002 - 2	5003 - 2	5005 - 2
		5002 - 2 D2	5003 - 2 D2
Output Voltage	0 - 50 V X 2	0 - 50 V X 2	0 - 50 V X 2
Output Current	0 - 2 A X 2	0 - 3 A X 2	0 - 5 A X 2

MODELS WITH 'A' SUFFIX HAVE 2 ANALOG METERS. THOSE WITH 'A2' SUFFIX HAVE 2 ANA. METERS PER CHANNEL (Total 4).  
 MODELS WITH 'D' SUFFIX HAVE 2 LCD METERS. THOSE WITH 'D2' SUFFIX HAVE 2 LCD METERS PER CHANNEL (Total 4).  
 ALL OTHER MODELS (Without any suffix) HAVE 2 LED METERS .

## GENERAL SPECIFICATIONS :-

Input Voltage	: 220 V AC $\pm$ 10%, 50 Hz $\pm$ 2 Hz
Line regulation	: CV $\leq$ 0.01%+1mV CV $\leq$ 0.02%+3mV CV $\leq$ 0.01%+2mV
Load regulation	: CV $\leq$ 0.01%+3mV CV $\leq$ 0.01%+3mV (I $\leq$ 3A) CV $\leq$ 0.01%+5mV (I > 3A) CV $\leq$ 0.02%+10mV (I $\leq$ 6A) CV $\leq$ 0.1%+5mV (I > 6A)
Ripple and Noise	: CV $\leq$ 0.5mV r.m.s. CV $\leq$ 0.5mV r.m.s. (I $\leq$ 3A) CV $\leq$ 1.0mV r.m.s. (I > 3A) CV $\leq$ 3mV r.m.s.
Protection	: Current limit and short-circuit protection.
Indicator Accuracy	: LED/LCD : V = $\pm$ 1% + 2 dgts. & I = $\pm$ 2% + 2 dgts. Analog Meter = 2.5 % F.S.
Environment	: 0 to + 40 °C, Relative humidity: < 90 %
Dimension (in mm)	: Single Circuit ; 291 x 158 x 136 & 230 x 160 x 95 (1500 & 1800 series only) Multiple Circuit & High Current ; 365 x 265 x 164
Weight	: Single Circuit = 3 ~ 6 Kgs., & 2 ~ 4 Kgs. (1500 & 1800 series only) Multiple Circuit & High Current = 8 ~ 22 Kgs.

