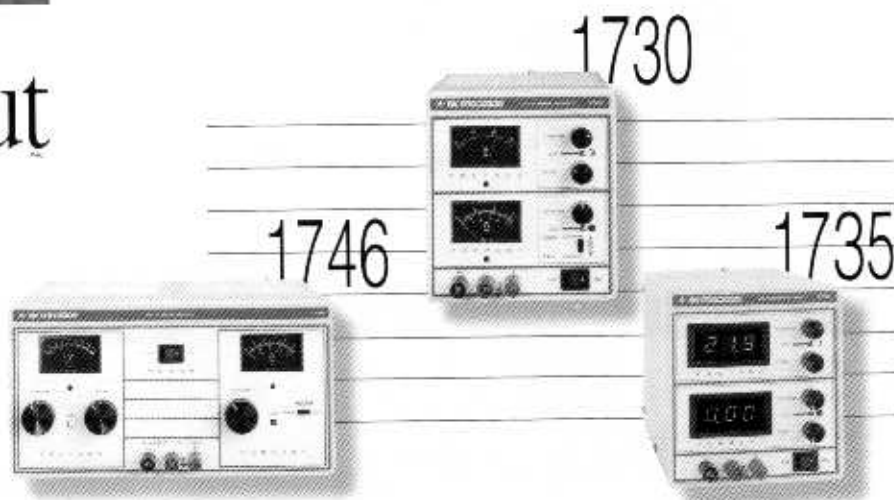


Single Output DC Power Supplies



- Largest selection of voltage and current ratings ever offered
- Connect two supplies in parallel to double the current output
- Connect two supplies in series to double the voltage output

- New compact style
- Reliable, Durable
- Operate continuously at full load without overheating
- Fully overload protected
- Coarse and fine voltage controls

- Excellent regulation
- Very low ripple
- Constant voltage or constant current operation
- Continuously monitor voltage and current output on two meters

Specifications

Model	1705	1710	1711	1715	1730	1735	1740	1743	1746
Output Voltage	0-30 V	0-30 V	0-60 V	0-60 V	0-30 V	0-30 V	0-60 V	0-35 V	0-16 V
Output Current	0-1 A	0-1A	0-2A	0-2 A	0-3 A	0-3 A	0-4 A	0-6 A	0-10A
Constant Voltage Operation									
Voltage Regulation									
Line (+10%)	<0.01% + 3 mV						<0.2% + 2mV		
Load (no load - full load)	<0.01% + 3 mV						<0.04% + 2mV		
Recovery Time	<100 μ s						<100 μ s		
Ripple & Noise	<1mV rms						<1mV rms		
Temperature Coefficient	<300 ppm/°C						<300 ppm/°C		
Constant Current Operation									
Adjustable Current Range	5% to 100%						5% to 100%		
Current Regulation									
Line (+10%)	<0.2% + 3mA						<0.4% + 5mA		
Load	<0.2% + 3mA						<0.4% + 5mA		
Current Ripple	<3mA						<3mA		
Metering									
Type	3-digit LED	Analog	Analog	3-digit LED	Analog	3-digit LED	Analog	3-digit LED	Analog
Voltmeter Range	0-99.9V (green)	0-32V	0-64V	0-99.9V (green)	0-32V	0-99.9V (green)	0-64V	0-99.9V (green)	0-16V
Voltmeter Accuracy	\pm (0.5% rdg + 2 digits)	\pm 2.5%	\pm 2.5%	\pm (0.5% rdg + 2 digits)	\pm 2.5%	\pm (0.5% rdg + 2 digits)	\pm 2.5%	\pm (0.5% rdg + 2 digits)	\pm 2.5%
Ammeter Range									
High Range	0-9.99 A (red)	0-1.04 A	0-2.2 A	0-9.99 A (red)	0-3.2 A	0-9.99 A (red)	0-4.4 A	0-9.99 A (red)	0-11 A
Low Range		0-0.26 A	0-0.55 A		0-0.53 A		0-1.1 A		0-2.2 A
Ammeter Accuracy	\pm (0.5% rdg + 2 digits)	\pm 2.5%	\pm 2.5%	\pm (0.5% rdg + 2 digits)	\pm 2.5%	\pm (0.5% rdg + 2 digits)	\pm 2.5%	\pm (0.5% rdg + 2 digits)	\pm 2.5%
Overload Protection	Current, limiting, reverse polarity, overvoltage, short circuit								
Power Requirements	120 VAC \pm 10%, 60 Hz only (120/220/230/240 VAC \pm 10%, 50/60 Hz version available)								
Power Consumption	70W	70W	210W	210W	180W	180W	450W	420W	380W
Operating Temperature	0° to 40°C, <75% R.H.								
Storage Temperature	-15° to +70°C, <85% R.H.								
Dimensions (HxWxD)	6.2" x 5.5" x 12.5" (158 x 140 x 318 mm)						5.7" x 10.5" x 15" (145 x 267 x 381 mm)		
Weight									
lb	8 lb.	8 lb.	12 lb.	12 lb.	10.5 lb.	10.5 lb.	23 lb.	24 lb.	20 lb.
kg	3.6 kg	3.6 kg	5.4 kg	5.4 kg	4.7 kg	4.7 kg	10.4 kg	10.8 kg	9 kg

OPTIONAL ACCESSORIES Hook-up leads:

up to 5 amps Model TL-5
up to 30 amps Model TL-30

Two Year Warranty