



## Current Transformers and Shunts for Digital and Analog Panel Meters

### CURRENT TRANSFORMERS

Produce a 5A output for each primary range.

### SHUNTS

50mV shunts enable a digital or analog panel meter to indicate higher DC currents than with a self-contained internal shunt. Portable units are mounted in a phenolic base. Switchboard units mount directly onto a busbar.

Primary Range	Item No.
<b>Solid Core Current Transformer</b>	
0 to 50A	12G458
0 to 75A	12G459
0 to 100A	12G460
0 to 150A	12G461
0 to 200A	12G462
0 to 250A	12G463
0 to 300A	12G464
0 to 400A	12G465
0 to 500A	12G466
0 to 600A	12G467
<b>External Portable Shunt</b>	
5ADC	440G27
10ADC	12G450
<b>Switchboard Shunt</b>	
300ADC	12G456
500ADC	12G457



6XAA3



2LUW7



13X092



46F063



2LUY3



## Single-Output DC Power Supplies

### EXTECH

Each includes power cord.

### 5% to 100% Current Limits

6XAA3 and 6XAA5: Short circuit protection. Constant voltage or current. High load/line regulation. Banana plug output terminals. Low noise/ripple.

13X092: Dual-action voltage and current control with push-knob for fine and coarse tuning. Automatic constant current and constant voltage crossover. Remote control for output voltage/current and On/Off. 2 custom voltage and current presets and 13.8V/20A factory preset. Overvoltage, overtemperature, and short-circuit protection. High RFI immunity and excellent EMI.

### B&K PRECISION

### Constant Current

- Parallel or series connection
- Load regulation

6T508: Overload, thermal, and short-circuit protection.

2LUW9: Overload and short-circuit protection. Variable voltage output at continuous operation. Output selectable by slide switch.

2LUW7: Overcurrent, overvoltage, and overtemperature protection. Automatically recalculates voltage/current limits for each setting. Output On/Off control. 100W max. output.

### 0% to 100% Current Limits

- Reverse polarity and overload protection
- Parallel or series connection
- 16 programmable preset outputs
- In-case calibration
- Output On/Off control
- Selectable 10mV/10mA resolution
- Load regulation

Each includes RS-232-to-TTL cable and software.

### 5% to 100% Current Limits

- Reverse polarity, overload, thermal, and short-circuit protection, except 1T197 reverse polarity and overload only
- Load regulation
- 0 to 30V models offer constant voltage and current and parallel or series connection
- 0 to 60V and 0 to 35V models offer current limiting, constant current, or voltage operation

Output Volts (DC)	Output Current (A)	Input Voltage	Ripple Volts Regulation	Line Volts Regulation	Meter Type	Display	Mfr. Model	Item No.
<b>Extech</b>								
<b>Current Limit - 5% to 100%</b>								
0 to 18	0 to 3	115/230V ACVAC	0.5mV	0.1% + 3mV	Dual LCD	—	382202	6XAA3
0 to 30	0 to 1	115/230V ACVAC	0.5mV	0.1% + 3mV	Dual LCD	—	382200	6XAA5
	0 to 20	120V ACVAC	>5mVrms	20mV	Digital	Dual LED	382275	13X092
<b>B&amp;K Precision</b>								
<b>Constant Current - 1% to 100%</b>								
3 to 15	0 to 40	120V ACVAC	10 mVrms	80mV (+/-10% variation)	2 Digital	3 Digit LED	1692	2LUW9
0 to 60	0 to 5	120/220V ACVAC	2.0 mVrms	0.01% + 3mV	2 Digital	4 Digit LED	9110	2LUW7
<b>Constant Current Operation</b>								
18	20	100 to 240 V ACVAC	≤5 mV	≤20mV	Digital	Dual LED	1688B	46F062
30 to 60	Low Range: 3 ; High Range: 2	120/220V AC +/- to 10%VAC	1 mVrms	0.01% + 3mV	Digital	Dual LED	1737	46F063
35 to 60	Low Range: 0-10 ; High Range: 0-5	120/220V AC +/- to 10%VAC	1 mVrms	0.01% + 3mV	Digital	Dual LED	1747	46F064
36	10	100 to 240 V ACVAC	≤5 mV	≤20mV	Digital	Dual LED	1687B	46F061
60	5	100 to 240 V ACVAC	≤5 mV	≤20mV	Digital	Dual LED	1685B	46F060
<b>Current Limit - 0% to 100%</b>								
0 to 30	0 to 3	110/240V ACVAC	≤5 mVrms	≤0.05% + 1mV	Digital	Dual 3 Digit LED	1670A	20FP71
0 to 80	0 to 60	100 to 240V ACVAC	60 mVpp	0.02 + 1mV	Digital	5 Digit VFD	9115	20VD83
1 to 32	0 to 30	120V ACVAC	≥5 mVrms	>or Equal To 20mV	2 Digital	3 Digit LED	1901B	49AF90
1 to 60	0 to 15	120V ACVAC	≥5 mVrms	>or Equal To 20mV	2 Digital	3 Digit LED	1902B	49AF91
5 to 150	0.04 to 10.4	100 to 240V ACVAC	>or Equal 10 mVrms	>or Equal 17mV	Digital	4 Digit VFD	XLN15010-GL	20VD78
60	25	110/220 VAC +/- to 10%VAC	≥20 mVp-p	>or Equal to 0.01% + 15 mV	Digital	Vacuum Fluorescent Display	9205B	794LC1
<b>Automatically Recalculate Voltage and Current Limits</b>								
150	10	110/220 VAC +/- to 10%VAC	≥50 mVp-p	>or Equal to 0.01% + 15 mV	Digital	Vacuum Fluorescent Display	9206B	794LC2
<b>Current Limit - 5% to 100%</b>								
0 to 30	0 to 3	120/240V ACVAC	≥1mV	>or Equal To 0.01% + 3mV	2 Digital	4 Digit LED	1735A	1T197
0 to 35	0 to 6	120/240V ACVAC	≥1mV	>or Equal To 0.2% + 2mV	4 Digit LED	4 Digit LED	1743B	3CE32
0 to 60	0 to 10	110/240V ACVAC	>1mVrms	>0.02% + 2mV	Digital	Dual 4 Digit LED	1745A	20FP73
0 to 60	0 to 2	120/240V ACVAC	≥1mV	>or Equal To 0.01% + 3mV	2 Digital	4 Digit LED	1715A	3WU40
3 to 14	12 @ 13.8V DC	120/230V ACVAC	≥10mV RMS	>or Equal To 0.8%	2 Analog	—	1686A	6T508

**Accessory**  
Test Lead Set, Includes 1 Pair of Each 48" Long Leads (Straight to Retractable Stacking Plug), Large Insulated Alligator Clips, Standard Alligator Clips with Rubber Boots, Spade Lug Adapter 6mm, Insulated Shrouded 4mm Banana Plug Adapters, and Remote Sensing Leads

TLPS 2LUY3