	<b></b> pe	Specifications			TEN-TURN VOLTAGE ADJUST		CALIBRATED PUSHBUTTON VOLTAGE ADJUST		TEN-TURN VOLTAGE ADJUST		CALIBRATED PUSHBUTTON VOLTAGE ADJUST	
R A	DC Output:	Voltage and current spans indicate range	e over which	Volts	0-20	20-40	0-20	20-40	0-50	50-100	0-50	50-100
1		varied using front panel controls.		Amps	0-2.0	0-1,0	0-2.0	0-1.0	0-0.8	0-0.4	0-0.8	0-0.4
N G	Model				6104A		6114A		6105A		6115A	
	rear terminals. Current Load Regulation is given for a load voltage			0.0005% + 100μV		0.0005% + 100μV		0.0005% + 50μV		0.0005% + 50µV		
				Current	t 0.01% + 500μA		0.01% + 500μA		0.01% + 500μA		0.01%+ 500μA	
	127 Vac or 208 and 254 Vac at any output voltage and current within			<u>-</u>	0.0005% + 40µV 0.005% + 40µA		0.0005% + 40μV 0.005% + 40μA		0.0005% + 100µV 0.005% + 20µA		0.0005% + 100µV 0.005% + 20µA	
PERFORMANCE	Ripple and Noise: Rms/p-p (20Hz to 20MHz), at any line voltage Voltage			40μV/100μV ☆		40μV/100μV ☆		40μV/100μV ☆		40μV/100μV ☆		
	Temperature Coefficient: Output change per degree Celsius change in ambient following 30 minutes warm-up.  Voltage Current			200µA/1mA 0.0 <b>05</b> % + 25µV		200µA/1mA 0.001%+15µV		200μA/1mA 0.005% + 50μV		200µA/1mA 0.001% + 15µV		
				0.02% + 50μA		0.02% + 50µA		0.02% + 25μA		0.02% + 25μA		
	interval, under constant line, load, and ambient temperature,   Voltage, 90-day and following 30-minutes warm-up under same conditions.			0.005% + 50μV † 0.01% + 100μV †		0.0015% + 15μV * 0.0075% + 30μV *		0.005% + 50μV † 0.01% + 100μV †		0.0015% + 15µV * 0.0075% + 30µV *		
				0.25% + 7mA ‡		0.25% + 7mA ‡		0.25% + 4mA ‡		0.25% + 4mA ‡		
	Output Voltage Accuracy: Output voltage accuracy obtainable from the front panel controls at $23\pm3^{0}$ C, at any line voltage and load current within rating, and following 5 minutes warm-up.				Not Applicable		0.025% + 1.0mV		Not Applicable		0.025% + 1.0mV	
	Resolution: Minimum output voltage or current change that can be Voltage			<u> </u>		200µV		16mV		200μV		
	obtained using front panel controls.  Current			15mA		15mA		8mA		8mA		
	Output Impedance (Typical): Represented by a resistance in series with an inductance.				0.05mΩ + 3μH		0.05mΩ + 3μΗ		0.05mΩ + 3μH		0.05mΩ + 3μH	
	ery to within the given level of the nominal output voltage following a ———				<50µs 10mV		<50µs 10mV		<50μ <b>s</b> 10mV		<50μs 10mV	
FEATURES	Output Mode: Constant Voltage/Constant Current, or Constant Voltage/Current				cv/cc		cv/cc		cv/cc		cv/cc	COMMISSION OF THE PROPERTY OF
	Limited.  Auto-Series, Auto-Parallel, and Auto-Tracking:				Yes		Yes		Yes		Yes	
	Remote Sensing:				Yes		Yes		Yes		Yes	
	Remote Programming:	Hesistance Programming Coefficient Current			2000Ω/V ± 0.01%		2000Ω/V ± 0.01%		2000Ω/V ± 0.01% 1000Ω/A ± 0.25%		2000Ω/V ± 0.01%	
					1 500s2/A ± 0.25%		500Ω/A ± 0.25%		1V/V §		1000Ω/A ± 0.25% 1V/V §	
		Voltage Programming Coefficient -			0.5V/A ± 1.0%		0.5V/A ± 1.0%		1V/A ± 1.0%		1V/A ± 1.0%	
		Speed: Maximum time required to non- repetitively program from zero to within 99.9% of the maximum rated output	Programming	No Load	60ms		60ms		150ms		150ms	rayquan nu malafasan
				Full Load	200ms		200ms		500ms		500ms	
		voltage, or from the maximum rated out- put voltage to within 0.1% of that volt-	Down	No Load	600ms		600ms		1.5s		1.5s	
		age above zero.	Programming	Full Load	100ms		100ms		175ms		175ms	
	Overvoltage Protection	Trip Voltage Range: (approximate). Margin: Minimum setting above output voltage to prevent false			0.5V to 45V		0,5V to 45V		0.5V to 110V		0.5V to 110V	
	Crowbar: tripping.				2% + 0.5V		2% + 0.5V		2% + 0.5V		2% + 0.5V	
	DC Output Isolation: Supply may be floated at up to the given level above ground.				300V		300V		300V		300V	
	Meter Ranges: (Accuracy is specified as % of full scale.)				0-50V ± 2% Two 0-2.4A ± 2% Meters		0-50V ± 2% One 0-2.4A ± 2% Meter		0-120V ± 2% Two 0-1.0A ± 2% Meters		0-120V ± 2% One 0-1.0A ± 2% Meter	
GEN ERAL	Power:				104-127 or 208-254 Vac (switchable), 48- 440Hz, 150VA max.		104-127 or 208-254 Vac (switchable), 48- 440Hz, 150VA max.		104-127 or 208-254 Vac (switchable), 48- 440Hz, 150VA max.		104-127 or 208-254 Vac (switchable), 48- 440Hz, 150VA max.	
					3-Wire, 5-Ft. Cord Convection		3-Wire, 5-Ft. Cord Convection		3-Wire, 5-Ft. Cord		3-Wire, 5-Ft. Cord Convection	
	Overall Dimensions:				7%W x 6%H x 13%D 197W x 166H x 336D		7%W x 6½H x 13½D 197W x 166H x 336D		7%W x 6%H x 13%D		7%W x 6%H x 13%D	
	en e											
	Weight:				17 lbs; 7,7 kg. 21 lbs. 9,5 kg.		17 lbs; 7,7 kg. 21 lbs. 9,5 kg.		17 lbs; 7,7 kg. 21 lbs. 9,5 kg.		17 lbs; 7,7 kg. 21 lbs. 9,5 kg.	
	Options Available: (For complete description, refer to page 4.)				008,013,014		008,014		008,013,014		008,014	
	Options Available: (For complete description, refer to page 4.)				, , , , , , , , , , , , , , , , , , ,		000,014		1 000,010,017			

- Specified with final decade pot set to zero. If pot is set to value other than zero, pot wiper jump effect may cause drift of  $0.0015\% + 200\mu V$  (8-hour) or  $0.0075\% + 200\mu V$  (90-day).
- † Pot w/per jump effect may add 5mV (6104A) or 10mV (6105A). When remote programmed, drift is 0.001% + 15µV (8-hour) or 0.0075% + 30µV (90-day) plus stability of remote programming device.
- $\label{eq:proposed_$
- $\mathsection$  Accuracy is equal to accuracy of remote programming device  $\pm 200 \mu V_{\ast}$
- $\dot{\hat{\mathbf{y}}}$  . When operated with a 400Hz input, peak-to-peak ripple and noise is 10mV.