

Model	9131B		U8031A	
Channel NO.	CH1 & CH2	CH3	CH1 & CH2	CH3
Output Voltage	0~30V	0~5V	0~30V	5V(Fix)
Output Current	0~6A	0~3A	0~6A	3A(Fix)
Output Power	375W		375W	
Line Regulation ±(% of output +offset)				
Voltage	<0.01% + 3mV		<0.01% + 2mV	
Current	<0.1% + 3mA		<0.02% + 2mA	
Load Regulation ±(% of output +offset)				
Voltage	<0.01% + 3mV		<0.01% + 2mV	
Current	<0.1% + 3mA		<0.02% + 2mA	
Ripple and Noise (20Hz ~ 20MHz)				
Normal Mode Voltage	≤1 mVrms		≤1 mVrms / ≤10 mVpp	
Normal Mode Current	≤ 5mArms	≤ 4mArms	<1 mArms	
Resolution				
Programming	1mV / 1mA		10mV / 10mA	
Readback	1mV / 1mA		10mV / 10mA	
Programming Accuracy ±(% output +offset)				
Voltage	0.03% + 10mV		0.25% + 15mV	
Current	0.1% + 8mA	0.1% + 5mA	0.30% + 15mA	
Readback Accuracy ±(% output +offset)				
Voltage	0.03% + 10mV		0.25% + 10mV	
Current	0.1% + 8mA	0.1% + 5mA	0.25% + 10mA	
Temperature Coefficient per°C ±(% output +offset)				
Voltage	≤0.03% + 10mV		0.01% + 1mV	
Current	≤0.1% + 5mA		0.01% + 1mA	
Transient Response Time	≤120 uS	≤200 uS	<50 uS	
Voltage Programming Speed				
Rising Time at Full Load	100mS		80mS	
Rising Time at No Load	100mS		80mS	
Falling Time at Full Load	1.5mS		30mS	
Falling Time at No Load	1S		150mS	
Remote Sense	YES(CH1/CH2/CH3)		NO	
Interface	USB(USBTMC)/RS232/GPIB		NO	
Display Mode	VFD		LCD	
Memory	YES(36)		YES(3)	
Number Key	YES		NO	
Free Software	YES		NO	
Dimensions(W×H×D)mm	(214.5×88.2×445)		(212.3×179.0×379)	
Weight	15kg		8.2kg	