

IT6333A				
Parameters		CH1	CH2	CH3
Rated values (0 °C - 40 °C)	Voltage	0-60V	0-60V	0-5V
	Voltage limiting	61V	61V	6V
	Current	0-3A	0-3A	0-3A
	Power	180W	180W	15W
Load regulation (%of output + offset)	Voltage	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+3mV
	Current	≤0.01%+3mA	≤0.01%+3mA	≤0.01%+3mA
Line regulation (%of output + offset)	Voltage	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+3mV
	Current	≤0.01%+3mA	≤0.01%+3mA	≤0.01%+3mA
Setup resolution	Voltage	1mV	1mV	1mV
	Current	1mA	1mA	1mA
Read-back resolution	Voltage	1mV	1mV	1mV
	Current	1mA	1mA	1mA
Setup accuracy (Within 12 months) (25°C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV	≤0.03%+10mV	≤0.03%+10mV
	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA
Read-back accuracy (25 °C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV	≤0.03%+10mV	≤0.03%+10mV
	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA
Ripple and noise (20Hz-20MHz)	Voltage(Vp-p) (10°C - 40°C)	≤4mVp-p	≤4mVp-p	≤3mVp-p
	Voltage(Vp-p) (0°C - 10°C)	≤4.5mVp-p	≤4.5mVp-p	≤4.5mVp-p
	Voltage(rms)	≤1mVrms	≤1mVrms	≤1mVrms
	Current (rms)	≤4mArms	≤4mArms	≤4mArms
Output Temp. coefficient (0 °C ~ 40 °C) (%of output+offset)	Voltage	≤0.03%+10mV	≤0.03%+10mV	≤0.03%+10mV
	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA
Read-back Temp. coefficient	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		

(%of output+offset)				
Series setup resolution	Voltage	0-99V --- 1mV	--	
		100-120V --- 10mV		
	Current	1mA	--	
Series Read-back resolution	Voltage	0-99V --- 1mV	--	
		100-120V --- 10mV		
	Current	1mA	--	
Parallel setup resolution	Voltage	1mV		
	Current	1mA		
Parallel Read-back resolution	Voltage	1mV		
	Current	1mA		
Parallel setup accuracy	Voltage	≤0.02%+10mV		
	Current	≤0.1%+30mA		
Voltage waveform rise time 10%-90% change time	Typical value	< 100 ms	< 100 ms	< 100 ms
Voltage waveform fall time 10%-90% change time	Typical value	< 1.5 s	< 1.5 s	< 100 ms
Voltage dynamic response time, Load change 1.5A(0.5 ms)-3A(0.5 ms)	Restore to 75 mV	< 50 us		
Memory	Save/recall	36 groups		
Timer	Function	Output timer		
	Time set	0.1 second-99999.9 second		
	Resolution	0.1 second		
Working temperature		0-40°C		
Dimension (Bare metal, mounted to the cabinet)	W×H×D	214.5mm×88.2mm×451.6mm		
Dimension (Overall)	W×H×D	255.3mm×108.7mm×471mm		
Weight		15Kg		