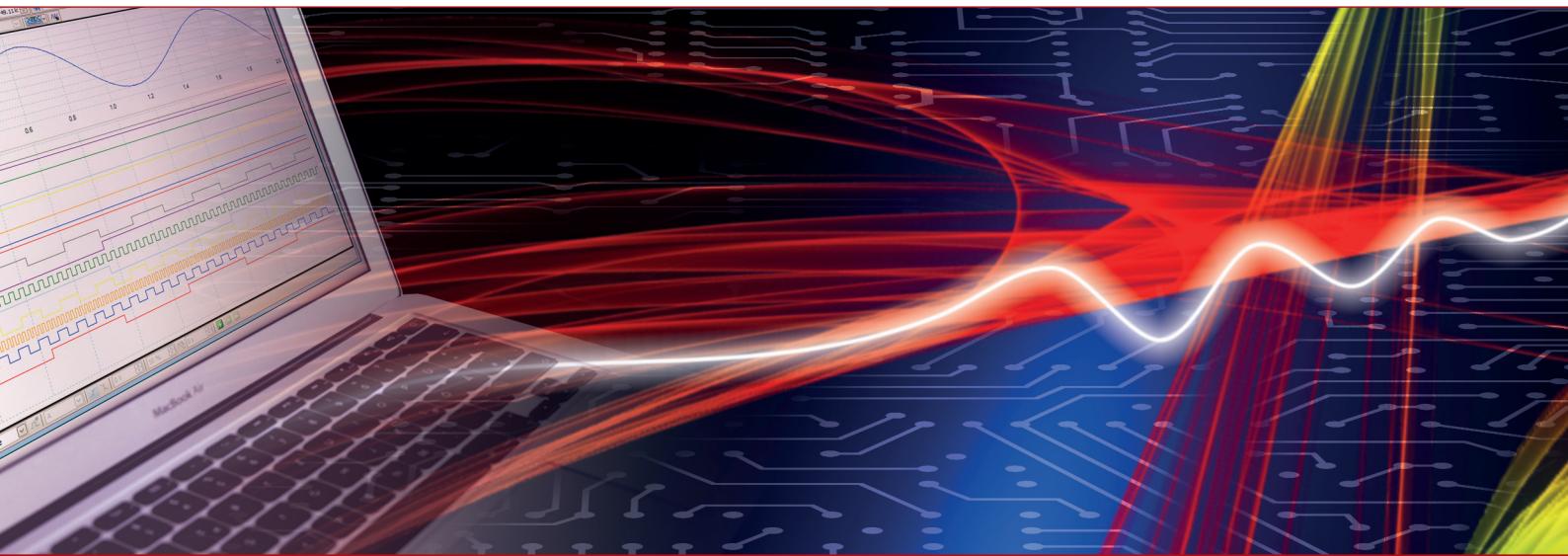# Product Datasheet - Technical Specifications

More information in our Web-Shop at ▶ **www.meilhaus.com** and in our download section.

www.meilhaus.de

Chapter4 Technical Specifications

4.1 Major technical parameters

IT6322A		CH1	CH2	CH3
Parameters		CH1	CH2	CH3
Rated values (0 °C - 40 °C)	Voltage	0~30V	0~30V	0~5V
	Voltage limiting	0~31V	0~31V	0~6V
	Current	0~3A	0~3A	0~3A
	Power	90W	90W	15W
Load regulation (%of output + offset)	Voltage	≤0.01%+3mV		
	Current	≤0.1%+3mA		
Line regulation (%of output + offset)	Voltage	≤0.01%+3mV		
	Current	≤0.1%+3mA		
Setup resolution	Voltage	1mV		
	Current	1mA		
Read-back resolution	Voltage	1mV		
	Current	1mA		
Setup accuracy (Within 12 months) (25°C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
Read-back accuracy (25 °C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
Ripple and noise (20Hz-20MHz)	Voltage (Vp-p)	≤3mVp-p		
	Voltage (rms)	≤1mVrms		
	Current (rms)	≤3mArms		
Output Temp. coefficient (0 °C ~ 40 °C) (%of output + offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
Read-back Temp. coefficient (%of output + offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
Parallel setup accuracy	Voltage	≤0.02%+5mV		
	Current	≤0.1%+20mA		
Memory	Save/recall	36 groups		
Timer	Function	Output timer		
	Time set	0.1~99999.9 second		
	Resolution	0.1 second		
Working temperature		0-40**°C**		

Overall Dimension (mm)	W×H×D	255mm×108.7mm×365.3mm

IT6332A			
Parameters		CH1	CH2	CH3
Rated values (0 °C - 40 °C)	Voltage	0-30V	0-30V	0-5V
	Voltage limiting	31V	31V	6V
	Current	0-6A	0-6A	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%+8mA	≤0.1%+8mA	≤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%+8mA	≤0.1%+8mA	≤0.1%+5mA
Ripple and noise (20Hz-20MHz)	Voltage(Vp-p)	≤4mVp-p	≤4mVp-p	≤3mVp-p
	Voltage(rms)	≤1mVrms	≤1mVrms	≤1mVrms
	Current (rms)	≤5mArms	≤5mArms	≤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 (0 °C ~ 40 °C) (%of output+offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
Series setup resolution	Voltage	1mV		
	Current	1mA		

Series Read-back resolution	Voltage	1mV		
	Current	1mA		
Parallel setup resolution	Voltage	1mV		
	Current	0 - 9.999A - 1mA		
		10 - 12A - 10mA		
Parallel Read-back resolution	Voltage	1mV		
	Current	0 - 9.999A - 1mA		
		10 - 12A - 10mA		
Parallel setup accuracy	Voltage	≤0.02%+5mV		-
	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	< 500 ms	< 500 ms	< 100 ms
Voltage dynamic response time, Load change 50%-100%	Restore to 50 mV	< 75 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		

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 (%of output+offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
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		

IT6322B				
Parameters		CH1	CH2	CH3
Rated values (0 °C - 40 °C)	Voltage	0~30V	0~30V	0~5V
	Voltage limiting	0~31V	0~31V	0~6V
	Current	0~3A	0~3A	0~3A
	Power	90W	90W	15W
Load regulation (%of output + offset)	Voltage	≤0.01%+3mV		
	Current	≤0.1%+3mA		
Line regulation (%of output + offset)	Voltage	≤0.01%+3mV		
	Current	≤0.1%+3mA		
Setup resolution	Voltage	1mV		

	Current	1mA
Read-back resolution	Voltage	1mV
	Current	1mA
Setup accuracy (Within 12 months) (25°C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Read-back accuracy (25 °C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Ripple and noise (20Hz-20MHz)	Voltage (Vp-p)	≤3mVp-p
	Voltage (rms)	≤1mVrms
	Current (rms)	≤3mArms
Output Temp. coefficient (0 °C ~ 40 °C) (%of output + offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Read-back Temp. coefficient (%of output + offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Parallel setup accuracy	Voltage	≤0.02%+5mV
	Current	≤0.1%+20mA
Memory	Save/recall	36 groups
Timer	Function	Output timer
	Time set	0.1~99999.9 second
	Resolution	0.1 second
Working temperature		0-40**°C**
Overall Dimension (mm)	W×H×D	255mm×108.7mm×366mm

IT6332B				
Parameters		CH1	CH2	CH3
Rated values (0 °C - 40 °C)	Voltage	0-30V	0-30V	0-5V
	Voltage limiting	31V	31V	6V
	Current	0-6A	0-6A	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%+8mA	≤0.1%+8mA	≤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%+8mA	≤0.1%+8mA	≤0.1%+5mA
Ripple and noise (20Hz-20MHz)	Voltage(Vp-p)	≤4mVp-p	≤4mVp-p	≤3mVp-p
	Voltage(rms)	≤1mVrms	≤1mVrms	≤1mVrms
	Current (rms)	≤5mArms	≤5mArms	≤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 (0 °C ~ 40 °C) (%of output+offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
Series setup resolution	Voltage	1mV		
	Current	1mA		
Series Read-back resolution	Voltage	1mV		
	Current	1mA		
Parallel setup resolution	Voltage	1mV		
	Current	0 - 9.999A - 1mA		
		10 - 12A - 10mA		
Parallel Read-back resolution	Voltage	1mV		
	Current	0 - 9.999A - 1mA		
		10 - 12A - 10mA		
Parallel setup accuracy	Voltage	≤0.02%+5mV		-
	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	< 500 ms	< 500 ms	< 100 ms
Voltage dynamic response time, Load change 50%-100%	Restore to 50 mV	< 75 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		

IT6333B				
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	Voltage	≤0.03%+10mV	≤0.03%+10mV	≤0.03%+10mV

accuracy (25 °C ± 5 °C) (%of output + offset)	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 (%of output+offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
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	Restore to 75 mV	< 50 us		

1.5A(0.5 ms)-3A(0.5 ms)			
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	

Parameters		IT6322C
Rated values (0 °C - 40 °C)	Voltage	0~30V×2，0~5V×1
	Current	0~3A×2，0~3A×1
	Voltage limiting	0~31V×2，0~6V×1
Load regulation (%of output + offset)	Voltage	≤0.01%+3mV
	Current	≤0.1%+3mA
Line regulation (%of output + offset)	Voltage	≤0.01%+3mV
	Current	≤0.1%+3mA
Setup resolution	Voltage	1mV
	Current	1mA
Read-back resolution	Voltage	1mV
	Current	1mA
Setup accuracy (Within 12 months) (25°C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Read-back accuracy (25 °C ± 5 °C) (%of output + offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Ripple and noise	Voltage	≤1mVrms/3mVp-p
	Current	≤3mArms
Output Temp. coefficient (0 °C ~ 40 °C) ±(%of output+offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Read-back Temp. coefficient	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA

±(%of output+offset)		
Series setup resolution	Voltage	1mV
	Current	1mA
Series readback resolution	Voltage	1mV
	Current	1mA
Parallel setup resolution	Voltage	1mV
	Current	1mA
Parallel readback resolution	Voltage	1mV
	Current	1mA
Parallel setup accuracy	Voltage	≤0.02%+5mV
	Current	≤0.1%+20mA
Voltage waveform rise time	10%-90%	≤150ms
Voltage waveform fall time	90%-10%	CH1/CH2≤2.5s, CH3≤0.2s
Dynamic response time Restore to 50mV	50%-100% Freq=1k	100us (Typical value)
Memory	Save/recall	36 groups
Timer	Time set	0.1~99999.9 second
	Resolution	0.1 second
	Function	Output timer

IT6332C				
Parameters		CH1	CH2	CH3
Rated values (0 °C - 40 °C)	Voltage	0-30V	0-30V	0-5V
	Voltage limiting	31V	31V	6V
	Current	0-6A	0-6A	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%+8mA	≤0.1%+8mA	≤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%+8mA	≤0.1%+8mA	≤0.1%+5mA
Ripple and noise (20Hz-20MHz)	Voltage(Vp-p)	≤4mVp-p	≤4mVp-p	≤3mVp-p
	Voltage(rms)	≤1mVrms	≤1mVrms	≤1mVrms
	Current (rms)	≤5mArms	≤5mArms	≤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 (0 °C ~ 40 °C) (%of output+offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
Series setup resolution	Voltage	1mV		
	Current	1mA		
Series Read-back resolution	Voltage	1mV		
	Current	1mA		
Parallel setup resolution	Voltage	1mV		
	Current	0 - 9.999A - 1mA		
		10 - 12A - 10mA		
Parallel Read-back resolution	Voltage	1mV		
	Current	0 - 9.999A - 1mA		
		10 - 12A - 10mA		
Parallel setup accuracy	Voltage	≤0.02%+5mV		-
	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	< 500 ms	< 500 ms	< 100 ms
Voltage dynamic response time, Load change 50%-100%	Restore to 50 mV	< 75 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℃		
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		

IT6333C				
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	Voltage	≤0.03%+10mV	≤0.03%+10mV	≤0.03%+10mV

accuracy (25 °C ± 5 °C) (%of output + offset)	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 (%of output+offset)	Voltage	≤0.03%+10mV		
	Current	≤0.1%+5mA		
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 50%-100%	Restore to 50 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℃
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

*The above specifications may be subject to change without prior notice.

4.2 Supplemental Characteristics

Recommended calibration frequency: once a year

Maximum input power:

Model	IT6322A/IT6322B/IT6322C	IT6332A/IT6332B/IT6332C	IT6333A/IT6333B/IT6333C
Power	750VA	1000VA	1000VA

Cooling style: fans