

Parameters		IT6302
Rated values (0 °C - 40 °C)	Voltage	0-30V×2, 0-5V×1
	Current	0-3A×2, 0-3A×1
	Power	CH1:90W,CH2:90W,CH3:15W
Load regulation (%of output + offset)	Voltage	≤0.01%+4mV
	Current	≤0.2%+3mA
Line regulation (%of output + offset)	Voltage	≤0.01%+4mV
	Current	≤0.2%+3mA
Setup resolution	Voltage	10mV
	Current	1mA
Read-back resolution	Voltage	10mV
	Current	1mA
Setup accuracy (Within 12 months) (25°C ± 5 °C) (%of output + offset)	Voltage	≤0.06%+20mV
	Current	≤0.2%+10mA
Read-back accuracy (25 °C ± 5 °C) (%of output + offset)	Voltage	≤0.06%+20mV
	Current	≤0.2%+10mA
Ripple and noise (20Hz-20MHz)	Voltage	≤5mVp-p and 1mVrms
	Current	≤6mA _{rms}
Setup Temperature Coefficient (%of Output/°C+Offset)	Voltage	300ppm/°C
	Current	300ppm/°C
Readback Temperature Coefficient (%of Output/°C+Offset)	Voltage	300ppm/°C
	Current	300ppm/°C
Rise time	Voltage	CH1≤150mS,CH2≤150mS,CH3≤150mS
Fall time	Current	CH1≤2.5S,CH2≤2.5S,CH3≤200mS
Transient Response Time	≤200uS (Typical)	
	Test conditions: 50% -100% Freq = 1K recovered to 75mV	
AC Input	Voltage 1	110V±10%
	Voltage 2	220V±10%

	Frequency	47HZ-63HZ
Setup stability-8h (%of Output +Offset)	Voltage	≤0.01%+10mV
	Current	≤0.1%+5mA
Readback stability-8h (%of Output +Offset)	Voltage	≤0.01%+20mV
	Current	≤0.1%+5mA
Fuse specification	6.3A(110V)/3.15A(220V)	
Command Response Time	20mS (Typical)	
Power Factor	0.7 (Typical)	
Maximum input current	4.5A(110V)/2.2A(220V)	
Maximum input apparent power	700VA	
Storage temperature	-10℃~70℃	
Protective function	LVP/OTP	
standard Interface	COM(TTL)	
Isolation (output to ground)	200V	
Working temperature	0~40℃	
Dimension (mm)	214.5mmW*88.2mmH*354.6mmD	
Weight(net)	7.1Kg	