

Voltage	10mV	10mV	10mV	10mV	10mV	10mV
Current	1mA	1mA	1mA	1mA	1mA	1mA
Readback Resolution						
Voltage	10mV	10mV	10mV	10mV	10mV	10mV
Current	1mA	1mA	1mA	1mA	1mA	1mA
Setting Accuracy						
Voltage	≤0.1%±20mV	≤0.1%±20mV	≤0.1%±20mV	≤0.1%±30mV	≤0.05%±20mV	≤0.05%±20mV
Current	≤0.1%±10mA	≤0.1%±10mA	≤0.1%±10mA	≤0.1%±10mA	≤0.05%±10mA	≤0.05%±20mA
Readback Accuracy						
Voltage	≤0.1%±20mV	≤0.1%±20mV	≤0.1%±20mV	≤0.1%±30mV	≤0.05%±20mV	≤0.05%±20mV
Current	≤0.1%±10mA	≤0.1%±10mA	≤0.1%±10mA	≤0.1%±10mA	≤0.05%±10mA	≤0.05%±20mA
Response time						
Transient recovery time (10%~90%rated load)	≤1ms				≤5.0ms	
Protective function						
OVP	0~31V	0~61V	0~31V	0~61V	0~85V	0~85V
OCP	0~5.1A	0~5.1A	0~ 10.1A	0~ 10.1A	0~11A	0~21A
OTP	85℃	85℃	85℃	85℃	85℃	85℃
Temperature coefficient of output						
Voltage	100ppm/℃					
Current	200ppm/℃					
Temperature coefficient of readback value						
Voltage	100ppm/℃					
Current	200ppm/℃					

Multimeter

Characteristic	Description
Display	4½ bit (Max. reading 20000)
Measurement	Voltage, Current, Resistance, Capacitance, Diode, Continuity
Input impedance	≥10 MΩ

Diode	0~2V	
	Range	Accuracy
DC Voltage	200.00mV	$\pm(0.3\%+10\text{dig})$
	2.0000V/20.000V/200.00V	$\pm(0.3\%+5\text{dig})$
	1000.0V	
AC Voltage	200.00mV /2.0000V/20.000V/200.00V	$\pm(0.8\%+10\text{dig})$
	750V	$\pm(1.0\%+10\text{dig})$
DC Current	200.00mA	$\pm(0.8\%+10\text{dig})$
	10.000A	$\pm(2.5\%+10\text{dig})$
AC Current	200.00mA	$\pm(1.0\%+10\text{dig})$
	10.000A	$\pm(2.8\%+10\text{dig})$
Resistance	200.00 Ω /2.0000k Ω /20.000k Ω / 200.00k Ω /2.0000M Ω	$\pm(0.8\%+10\text{dig})$
	20.000M Ω	$\pm(1.0\%+3\text{dig})$
	100.00M Ω	$\pm(5.0\%+10\text{dig})$
Capacitance ^[1] (F)	20.000nF/200.00nF/2.0000uF/ 20.000uF/200.00uF/2.0000mF	$\pm(3.0\%+10\text{dig})$
Frequency response(Hz)	(40 - 1000) Hz	

[1] The accuracy guarantee range for AC voltage/current and capacitance measurements is from 5% to 100% of the range.

Others

Display	
Display Type	2.8inches color LCD
Resolution	240 × 320 pixels
Color	65536 color, TFT
Environment	
Temperature	Working Temperature: 0℃ ~ 40℃ Storage Temperature: -20℃ ~ 60℃
Relative Humidity	≤90%RH; no condensation
Height	2,000 meters
Cooling	Fan cooling, temperature intelligent speed control
Other	
Communication Port	Provides three optional interfaces: USB, LAN(Optional), and RS232(Optional), compatible with the SCPI communication protocol.
USB Charging Port	5V/ 1A charging

Dimension	82mm(W)× 142mm(H)×226mm(D)
Weight	Approx. 1.5 kg



7007020100151

V1.1.1