

Model		IT8514B+	
Rated value ( 0~40 °C)	Input voltage	0~500V	
	Input current	0~6A	0~60A
	Input power	1500W	
	Minimum operation value	0.3V at 6A	3V at 60A
CV mode	Range	0.1~50V	0.1~500V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
CC mode	Range	0~6A	0~60A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
CR mode *1	Range	0.05Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.02%+0.08S *2	0.02%+0.0008S
CP mode *3	Range	1500W	
	Resolution	10mW	
	Accuracy	±(0.2%+0.2%FS)	
<b>Dynamic mode</b>			
Dynamic mode	CC mode		
	T1&T2	100uS~3600S /Res:1 uS	
	Accuracy	10uS±100ppm	
	Rising/Falling slope *4	0.001~0.15A/uS	0.01~0.8A/uS
	Minimum rise time *5	≅60uS	≅60uS
<b>Measuring range</b>			
Readback voltage	Range	0~50V	0~500V
	Resolution	0.1 mV	1mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Readback current	Range	0~6A	0~60A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.05%FS)	
Readback power	Range	1500W	
	Resolution	10mW	
	Accuracy	±(0.2%+0.2%FS)	
<b>Protection range</b>			
OPP Protection	≅1550W		
OCP Protection	≅6.7A	≅67A	

<b>OVP Protection</b>	≈530V		
<b>OTP Protection</b>	≈85°C		
<b>Specification</b>			
<b>Short</b>	Current( CC )	≈6.7/6A	≈67/60A
	Voltage( CV )	0V	0V
	Resistance( C R )	≈50mΩ	≈50mΩ
<b>Input Impedance</b>	1MΩ		
<b>Dimension</b>	436.5mm*88.2mm*463.5mm		

- \*1 The voltage/current input is no less than 10% FS**
- \*2 The scope of read-back resistance is:  $(1/(1/R+(1/R)*0.02\%+0.08),1/(1/R-(1/R)*0.02\%-0.08))$**
- \*3 The voltage/current input is no less than 10% FS**
- \*4 Ascending/descending slope: 10%-90% current ascending slope from 0 to maximum current.**
- \*5 Minimum rise time: 10%-90% current rise time**