Model		IT8512B+	
Rated value (0~40 ℃)	Input voltage	0~500V	
	Input current	0~3A	0~15A
	Input power	300W	
	Minimum operation value	0.6V at 3A	3V at 15A
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	0~3A	0~15A
	Resolution	0.1mA	1mA
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
CR mode *1	Range	0.3Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
CP mode *3	Range	300W	
	Resolution	10mW	
	Accuracy	0.1%+0.2%FS	
Dynamic mode			
Dynamic mode	CC mode		
	T1&T2	20uS~3600S /Res:1 uS	
	Accuracy	2uS±100ppm	
	Rising/Falling slope *4	0.0001~0.2A/uS	0.001~0.8A/uS
	Minimum rise time *5	≒10uS	≒10uS
Measuring range			
Readback voltage	Range	0~50V	0~500V
	Resolution	1 mV	10 mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Readback current	Range	0~3A	0~15A
	Resolution	0.1mA	1mA
	Accuracy	±(0.05%+0.05%FS)	
Readback power	Range	300W	
	Resolution	10mW	
	Accuracy	±(0.1%+0.2%FS)	
Protection range			
OPP Protection	≒320W		
OCP Protection	≒3.3A		≒16A

OVP Protection	≒530V		
OTP Protection	≒85℃		
Specification			
Short	Current(CC)	≒3.3/3A	≒16/15A
	Voltage(CV)	0V	0V
	Resistance(CR)	≒180mΩ	≒180mΩ
Input Impendance	1MΩ		
Dimension	214.5mm*88.2mm*354.6mm		

***1 The voltage/current input is no less than 10% FS**

***2 The scope of read-back resistance is: (1/(1/R+(1/R)*0.01%+0.08),1/(1/R-(1/R)*0.01%-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**