

## Specifications

Parameter		IT8515B	IT8516B	IT8515C	IT8516C
Input rating (0~40°C)	Voltage	0~500V	0~500V	0~120V	0~120V
	Current	1mA~60A	1mA~120A	1mA~240A	1mA~240A
	Power	1800 W	2400 W	1800 W	2400 W
Load Regulation	Range	Accuracy	Resolution	Accuracy	Resolution
	0~18V	$\pm(0.05\%+0.02\%FS)$	1mV	$\pm(0.05\%+0.02\%FS)$	1mV
	0~120V/500V	$\pm(0.05\%+0.025\%FS)$	10mV	$\pm(0.05\%+0.025\%FS)$	10mV
	0~6A/12A/24A	$\pm(0.1\%+0.1\%FS)$	1mA	$\pm(0.1\%+0.1\%FS)$	1mA
CV Mode Regulation	0~60A/120A/240A	$\pm(0.2\%+0.15\%FS)$	10mA	$\pm(0.2\%+0.15\%FS)$	10mA
	0.1~18V	$\pm(0.05\%+0.02\%FS)$	1mV	$\pm(0.05\%+0.02\%FS)$	1mV
CC Mode Regulation	0.1~120V/500V	$\pm(0.05\%+0.025\%FS)$	10mV	$\pm(0.05\%+0.025\%FS)$	10mV
	0~6A/12A/24A	$\pm(0.1\%+0.1\%FS)$	1mA	$\pm(0.1\%+0.1\%FS)$	1mA
CR Mode Regulation Input current $\geq FS$ 10% Input Voltage $\geq FS$ 10%	0~60A/120A/240A	$\pm(0.2\%+0.15\%FS)$	10mA	$\pm(0.2\%+0.15\%FS)$	10mA
	0.1~10Ω	$\pm(1\%+0.3\%FS)$	0.001Ω	$\pm(1\%+0.3\%FS)$	0.001Ω
	10~99Ω	$\pm(1\%+0.3\%FS)$	0.01Ω	$\pm(1\%+0.3\%FS)$	0.01Ω
CW Mode Regulation Input current $\geq FS$ 10% Input Voltage $\geq FS$ 10%	100~999Ω	$\pm(1\%+0.3\%FS)$	0.1Ω	$\pm(1\%+0.3\%FS)$	0.1Ω
	1K~4KΩ	$\pm(1\%+0.8\%FS)$	1Ω	$\pm(1\%+0.8\%FS)$	1Ω
Current Measurement	0~100W	$\pm(1\%+0.1\%FS)$	1mW	$\pm(1\%+0.1\%FS)$	1mW
	100~1800W/2400W	$\pm(1\%+0.1\%FS)$	100mW	$\pm(1\%+0.1\%FS)$	100mW
Voltage Measurement	0~6A/12A/24A	$\pm(0.1\% + 0.1\%FS)$	1mA	$\pm(0.1\% + 0.1\%FS)$	1mA
	0~60A/120A/240A	$\pm(0.2\%+0.15\%FS)$	10mA	$\pm(0.2\%+0.15\%FS)$	10mA
Power Measurement Input current $\geq FS$ 10% Input Voltage $\geq FS$ 10%)	0~18V	$\pm(0.02\% + 0.02\%FS)$	1mV	$\pm(0.02\% + 0.025\%FS)$	1mV
	0~120V/500V	$\pm(0.02\% + 0.025\%FS)$	10mV	$\pm(0.02\% + 0.025\%FS)$	10mV
Battery testing function	0~100W	$\pm(1\%+0.1\%FS)$	1mW	$\pm(1\%+0.1\%FS)$	1mW
	100~1800W/2400W	$\pm(1\%+0.1\%FS)$	100mW	$\pm(1\%+0.1\%FS)$	100mW
Transition Mode	Input=0.1~120V/500V      Max measurement capacity= 999AH Resolution =10mA      Timer range=1~60000sec				
Dimension (mm)	Range of Frequency 0.1Hz~1kHz      Frequency error rate<0.5%				
	444 mmW×180 mmH×539 mmD				