

# Technique parameter

Parameter		IT8211	
Input ratings, ( 0 ~ 40 °C)	Voltage	0 ~ 60V	
	Current	1mA ~ 30A	
	Power	150W	
Load Regulation	Range	Accuracy	Resolution
	0~10V	$\pm(0.05\%+0.1\%FS)$	1mV
	0~60V	$\pm(0.05\%+0.1\%FS)$	10mV
	0~3A	$\pm(0.1\%+0.1\%FS)$	1mA
CV Mode Regulation	0~30A	$\pm(0.1\%+0.15\%FS)$	10mA
	0.1~60V	$\pm(0.05\%+0.1\%FS)$	10mV
CC Mode Regulation	0~3A	$\pm(0.1\%+0.1\%FS)$	1mA
	0~30A	$\pm(0.1\%+0.15\%FS)$	10mA
CR Mode Regulation (input voltage $\geq 10\%$ full range, input current $\geq 10\%$ full range)	0.1~10 $\Omega$	$\pm(1\%+0.8\%FS)$	0.001 $\Omega$
	10~99 $\Omega$	$\pm(1\%+0.8\%FS)$	0.01 $\Omega$
	100~999 $\Omega$	$\pm(1\%+0.8\%FS)$	0.1 $\Omega$
	1K~4K $\Omega$	$\pm(1\%+0.8\%FS)$	1 $\Omega$
Current Measurement	0~3A	$\pm(0.1\% + 0.1\%FS)$	1mA
	0~30A	$\pm(0.1\% + 0.15\%FS)$	10mA
Voltage Measurement	0~10V	$\pm(0.05\% + 0.1\%FS)$	1mV
	0~60V	$\pm(0.05\% + 0.1\%FS)$	10mV
Power Measurement (input voltage $\geq 10\%$ full range, input current $\geq 10\%$ full range)	0~10W	$\pm(1\%+0.5\%FS)$	1mW
	10~99W	$\pm(1\%+0.5\%FS)$	10mW
	100~150W	$\pm(1\%+0.5\%FS)$	100mW
Dimension (W*H*D)	88*175*282 (mm)		