



Model IT8500
Programmable
Electronic Load

IT8518C High Power Electronic Load

- High resolution of 1mV/1mA
- Voltage range 0~60V
- Working mode: CV/CC/CW/CR
- OV/OC/OP/OT protection
- Remote control via USB/RS232/GPIB



Parameter		IT8518C	
Output Rating (0 ~ 40 °C)	Voltage	0 ~ 60V	
	Current	1mA ~ 240A	
	Power	5000W	
Load Regulation	Range	Accuracy	Resolution
	0~18V	$\pm(0.05\%+0.02\%FS)$	1mV
	0~60V	$\pm(0.05\%+0.025\%FS)$	10mV
	0~24A	$\pm(0.1\%+0.1\%FS)$	1mA
	0~240A	$\pm(0.2\%+0.15\%FS)$	10mA
CV Mode Regulation	0.1~18V	$\pm(0.05\%+0.02\%FS)$	1mV
	0.1~60V	$\pm(0.05\%+0.025\%FS)$	10mV
CC Mode Regulation	0~24A	$\pm(0.1\%+0.1\%FS)$	1mA
	0~240A	$\pm(0.2\%+0.15\%FS)$	10mA
CR Mode Regulation	0.1~10 Ω	$\pm(1\%+0.3\%FS)$	0.001 Ω
	10~99 Ω	$\pm(1\%+0.3\%FS)$	0.01 Ω
	100~999 Ω	$\pm(1\%+0.3\%FS)$	0.1 Ω
	1K~4K Ω	$\pm(1\%+0.8\%FS)$	1 Ω
CW Mode Regulation	0~100W	$\pm(1\%+0.1\%FS)$	1mW
	100~5000W	$\pm(1\%+0.1\%FS)$	100mW
Current Measurement	0~24A	$\pm(0.1\% + 0.1\%FS)$	1mA
	0~240A	$\pm(0.2\%+0.15\%FS)$	10mA
Voltage Measurement	0~18V	$\pm(0.02\% + 0.02\%FS)$	1mV
	0~60V	$\pm(0.02\% + 0.025\%FS)$	10mV
Power Measurement	0~100W	$\pm(1\%+0.1\%FS)$	1mW
	100~5000W	$\pm(1\%+0.1\%FS)$	100mW
Battery Testing function	Input=0.1~60V Resolution =10mA	Max measurement capacity= 999AH Timer range=1~60000sec	
Transition Mode	Range of Frequency 0.1Hz~1kHz Frequency error rate<0.5%		

ITECH ELECTRONIC CO., LTD

Tel: 025-52415358, 52415099 www.itech.sh

Fax: 025-52415268, 52405299