

300W programmable DC electronic load



BK 8500

300W
0-120V / 0-30A

Capabilities

- Operates from 0 to 120V and 1mA to 30A
- 0,1mA and 1mV resolution (range dependent)
- 4 operating modes: CC, CV, CR, CP
- Fully protected
- RS-232 interface
- Optional USB adapter
- Connect multiple units in either parallel or series to increase power rating

Technical Specification	Voltage	Current	Power
Input	0 to 120V	1mA to 30A	300W
Operating modes	Constant current, constant voltage, constant power, constant resistance		
	Range	Accuracy	Resolution
Load regulation	0 - 18V	$\pm(0,05\% + 0,02\%FS)$	1mV
	0 - 120V	$\pm(0,05\% + 0,025\%FS)$	10mV
	0 - 3A	$\pm(0,1\% + 0,1\%FS)$	0,1mA
	0 - 30A	$\pm(0,2\% + 0,15\%FS)$	1mA
	0 - 999 ohms	$\pm(1\% + 0,3\%FS)$	0,001 to 0,1 ohms
	1K - 4K ohms	$\pm(1\% + 0,8\%FS)$	1 ohm
Current measurement	0 - 100W	$\pm(1\% + 0,1\%FS)$	1 mW
	100 - 300W	$\pm(1\% + 0,1\%FS)$	10 mW
	0 - 3A	$\pm(0,1\% + 0,1\%FS)$	0,1mA
Voltage measurement	0 - 30A	$\pm(0,2\% + 0,15\%FS)$	1mA
	1,5V to 18V	$\pm(0,02\% + 0,02\%FS)$	1mV
	1,5V to 120V	$\pm(0,02\% + 0,025\%FS)$	10mV
Battery test	Capacity test from 0 to 999A/H with test time from 0 to 60000 s		
General Specification			
Display	16 characters, fluorescent type		
Protection	overheat, over current, over voltage, overload		
Power supply	115 / 230V, 50/60Hz		
Dimensions	98 x 193 x 221 mm		

Supplied with : power cord, manual & software p/n : 85xx

Options : IT-E132 - RS-232/USB connection kit - IT-E151 : rack mounting kit
Lab View driver for all models on request

600W programmable DC electronic load



BK 8510

600W
0-120V / 0-120A

Capabilities

- Operates from 0 to 120V and 1mA to 120A
- 0,1mA and 1mV resolution (range dependent)
- 4 operating modes: CC, CV, CR, CP
- Fully protected
- RS-232 interface
- optional USB adapter

Technical Specification	Voltage	Current	power
Input	0 to 120V	1mA to 120A	600W
Operating modes	Constant current, constant voltage, constant power, constant resistance		
	Range	Accuracy	Resolution
Load regulation	0 - 18V	$\pm(0,05\% + 0,02\%FS)$	1mV
	0 - 120V	$\pm(0,05\% + 0,025\%FS)$	10mV
	0 - 12A	$\pm(0,1\% + 0,1\%FS)$	0,1mA
	0 - 120A	$\pm(0,2\% + 0,15\%FS)$	1mA
Constant resistance mode	0,1 to 10 ohms	$\pm(1\% + 0,3\%FS)$	0,001 ohm
	10 to 99 ohms	$\pm(1\% + 0,3\%FS)$	0,01 ohm
	100 to 999 ohms	$\pm(1\% + 0,3\%FS)$	0,1 ohm
	1K - 4K ohms	$\pm(1\% + 0,8\%FS)$	1 ohm
Constant power mode	0 - 100W	$\pm(1\% + 0,1\%FS)$	1 mW
	100 - 600W	$\pm(1\% + 0,1\%FS)$	100 mW
Current measurement	0 - 12A	$\pm(0,1\% + 0,1\%FS)$	1mA
	0 - 120A	$\pm(0,2\% + 0,15\%FS)$	10mA
Voltage measurement	0V to 18V	$\pm(0,02\% + 0,02\%FS)$	1mV
	0V to 120V	$\pm(0,02\% + 0,025\%FS)$	10mV
Power measurement	0V to 100W	$\pm(1\% + 0,1\%FS)$	1mW
	100W to 600W	$\pm(1\% + 0,1\%FS)$	100mW
Battery test	Capacity test from 0 to 999A/H with test time from 0 to 60000 s		
General Specification			
Display	16 characters, fluorescent type		
Protection	overheat, over current, over voltage, overload		
Power supply	115 / 230V, 50/60Hz		
Dimensions	440 x 459 x 88mm		
Weight	14Kg		

Supplied with : power cord, manual & software

Options: I IT-E132 - RS-232/USB connection kit - IT-E151 : rack mounting kit
Lab View driver for all models on request



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