



Model 8510

600W Programmable DC Electronic Load

Data Sheet

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The model 8510 is a cost effective Programmable DC Electronic Load with a high degree of accuracy, great display resolution and a wide operating range of up to 120A or 120V, 600W max. The 8510 is well suited for testing and calibrating DC Power supplies, DC-DC Converters and batteries. Programmability via the RS 232 or optional USB interface makes the units ideal for the use in Automated Test Systems.



- Operates between 0-120VDC, 1mA-120A (600W max)
- High resolution 1mA/1mV (range dependent)
- Bright easy to read display (VFD technology)
- CV/CC/CW/CR operation
- Over-Current/Over-Voltage/Over-Power/Over-Temperature Protected
- RS 232 Interface cable and software included
- Optional USB interface cable available (order ITEI32)
- Thermostat controlled internal fan
- Battery test capability
- Create complex test sequences without the need of an external PC

Specifications	Model 8510		
	Voltage	Current	Power
Input Rating (0 ~ 40°C)	0 to 120V	1mA to 120A	600W
	Range	Accuracy	Resolution
Load Regulation	0-18V	±(0.05%+0.02%FS)	1mV
	0-120V	±(0.05%+0.025%FS)	10mV
	0-12A	±(0.1%+0.1%FS)	1mA
	0-120A	±(0.2%+0.15%FS)	10mA
Current Measurement	0-12A	±(0.1% + 0.1%FS)	1mA
	0-120A	±(0.2%+0.15%FS)	10mA
Voltage Measurement	0-18V	±(0.02% + 0.02%FS)	1mV
	0-120V	±(0.02% + 0.025%FS)	10mV

Specifications subject to change without notice