



Model 8500

300W Programmable DC Electronic Load

Data Sheet

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The model 8500 is an affordable full-featured Programmable Electronic DC Load with a high degree of accuracy and great display resolution. They are great units for DC Power Supply and DC-DC Converter testing and calibration. Because they are fully programmable via the RS 232 or optional USB interface they are ideal for Automated Test Systems.

- Operates Between 0-120VDC, 1mA-30A (300W MAX)
- High Resolution 0.1mA/1mV (range dependent)
- VFD Display
- CV/CC/CW/CR Operation
- Over-Current/Over-Voltage/Over-Power/Over-Temperature Protected
- RS 232 Interface Cable and Software Included
- Optional USB Interface Available (order IT-E132)
- Thermostat Controlled Internal Fan



Specifications		model 8500	
	Voltage	Current	Power
Input rating (0 ~ 40°C)	0 to 120V	1mA to 30A	300 W
	Range	Accuracy	Resolution
Load Regulation	0-18V	±(0.05%+0.02%FS)	1mV
	0-120V	±(0.05%+0.025%FS)	10mV
	0-3A	±(0.1%+0.1%FS)	0.1mA
	0-30A	±(0.2%+0.15%FS)	1mA
Current Measurement	0-3A	±(0.1% + 0.1%FS)	0.1mA
	0-30A	±(0.2%+0.15%FS)	1mA
Voltage Measurement	1.5-18V	±(0.02% + 0.02%FS)	1mV
	1.5-120V	±(0.02% + 0.025%FS)	10mV