

DC electronic loads

Comparison guide

B&K Precision DC Electronic Load Offering and Comparison

Model	MDL Series	8500 Series	8600 Series
Type	Modular	Standalone	Standalone
# of channels	Multiple (up to 16)	Single	Single
Cost per watt	Medium to high (4 \$/W to 7 \$/W, single module only, depends on configuration)	Low (2 \$/W to 4 \$/W, depending on model)	Low to high (2 \$/W to 7 \$/W, depending on model)
Speed (transient operation)	25 kHz	1 kHz	25 kHz
Slew Rate	Adjustable, relatively fast	Fixed for each model, relatively slow	Adjustable, relatively fast
Operating modes	CC, CV, CR, CW, CZ	CC, CV, CR, CW	CC, CV, CR, CW
Built-in battery test function	No	Yes	Yes
PC interfaces	USB, RS232, LAN, GPIB	USB, RS232	USB, RS232, GPIB
Analog interface	Yes (control and monitoring)	No	Yes (control and monitoring)
CC mode accuracy (Low / High range)	$\pm(0.05\%+0.05\% \text{ FS}) / \pm(0.05\%+0.05\% \text{ FS})$	$\pm(0.1\%+0.1\% \text{ FS}) / \pm(0.2\%+0.15\% \text{ FS})$	$\pm(0.05\%+0.05\% \text{ FS}) / \pm(0.05\%+0.05\% \text{ FS})$