

RIGOL DL3000 Series Electronic Load Selection Guide



What is the difference between the DL3000 and DL3000A Electronic Load models?

There are 4 models in the DL3000 load family: DL3021, DL3021A, DL3031, DL3031A

There are differences in the power and current levels as well as the advanced capabilities. Use this table to identify the best configuration for your application.

	DL3021	DL3021A	DL3031	DL3031A
Total Power	200 W	200 W	350 W	350 W
Max Current	40 A	40 A	60 A	60 A
User Interface	Monochrome	Full Color	Monochrome	Full Color
Max Current Slew Rate	2.5 A/ μ s Standard; 3 A/ μ s Optional	3 A/ μ s Standard	2.5 A/ μ s Standard; 5 A/ μ s Optional	5 A/ μ s Standard
Max continuous mode Frequency	15 kHz Standard; 30 kHz Optional	30 kHz Standard	15 kHz Standard; 30 kHz Optional	30 kHz Standard
Readback Current Resolution	1 mA Standard; 0.1 mA Optional	0.1 mA Standard	1 mA Standard; 0.1 mA Optional	0.1 mA Standard
Digital I/O triggering	Optional	Standard	Optional	Standard
Ethernet Comm.	Optional	Standard	Optional	Standard

Here is an example of the monochrome vs full color user interface. The DL3000A models have the full color interface. The DL3000 (non-A) models use monochrome and can NOT be upgraded to full color.



The options are available to add to the DL3000 (non-A) models. These are software licenses that can be field upgraded at a later date as your application needs change. This future proofs your investment in RIGOL with a product that can grow with your test requirements. The option model numbers are:

Optional Capability	Model Number
Max Current Slew Rate	SLEWRATE-DL3
Max continuous mode Frequency	FREQ-DL3
Readback Current Resolution	HIRES -DL3
Digital I/O triggering	DIGITALIO-DL3
Ethernet Comm.	LAN-DL3