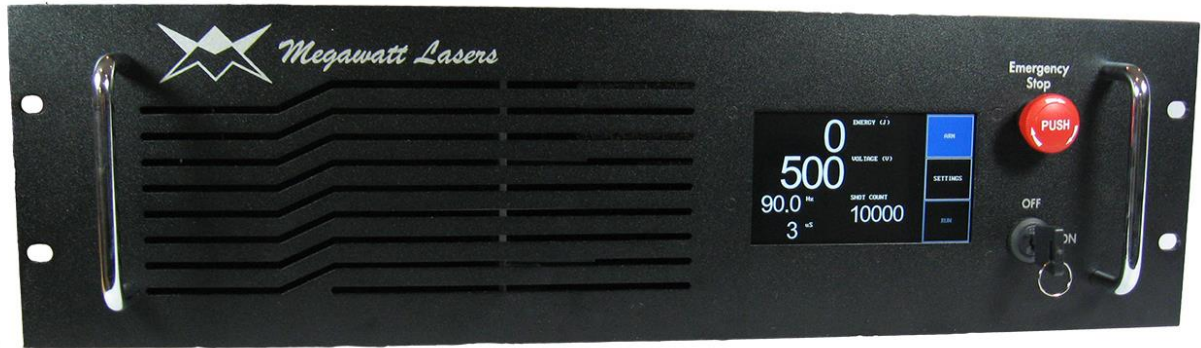


KALD-20-10 Flashlamp Laser Driver



1000V, 2000W Flashlamp Driver with 4.3" Touchscreen in 3U, 19" Rack Mount Case

Parameter	Nominal Value
Output Power	2000 Watts
Max Voltage	1000 V
Capacitance	3300 μ F
Pulse Width	50 μ s - 4 ms
Frequency	0.1 - 30 Hz (higher upon request)
Simmer Current	150mA (up to 500mA upon request)
Size	19" W x 5.25" H (3U) x 24" depth; (48cm W x 13cm H x 61cm D)
Weight	48 pounds (22 Kg)
Touchscreen Size	4.3 inches
Inputs	Safety Interlock, Coolant Flow and Temperature Interlocks, Remote Fire
Outputs	Flashlamp Current, Capacitor Voltage, Flashlamp Simmer Trigger, 2 Programmable Delays
HV Cable Length	10 Feet (3 meters), 10AWG (longer by request)
AC Requirement	13 A @ 90 - 250 VAC (auto adjusts to 1KW output below 200VAC input)

➤ For more information, contact sales@megawattlasers.com



KALD-20 -10 Flashlamp Laser Driver

The KALD flashlamp laser driver is a high energy, high voltage flashlamp driver that is optimized for laboratory, medical, or industrial use. The 3U rack mount package provides a 4.3" touchscreen that allows for easy input of parameters and navigation of system menus. The FPGA controller allows for high-speed control of internal circuitry while providing accurate data recording of the onboard current sensor. The system is rated for 2 kW and can go to voltages as high as 1.0 kV. The driver includes a 150 mA flashlamp simmer current supply. An internal current sensor provides accurate input energy reading while also providing safety features for overcurrent and short circuit conditions. The driver also provides a variety of interrupts and inputs so that it can be adapted to numerous situations.