

## MK-830- PS Laboratory Laser Driver

**(For use with MK-11, 25, 82, 85 & 88 lasers)**

**150A, 10Hz pulsed laser driver with LabVIEW software for computer control (via USB). Includes soft-start, precision current control, and advanced laser protection.**



Power Input	20-30Vdc (24Vdc typical) or 100-240VAC with supplied AC adapter
Output Current Range	1-150 A +/- 0.5A (programmable via software)
Pump Pulsewidth	<3.4mS (photodiode feedback controlled)
Pulse Repetition Rate	0-10Hz (programmable via software)
External Fire Input Signal	+5V TTL (4 to 30V, 0.5 to 3mS pulse) Optically Isolated Input
Trigger Sync Output Signal	+5V, 1ms pulse (>=50 ohm load) Synchronized with Laser Output Pulse
Size (W x D x H)	10.1" x10.2" x3.5" (256mm x 260mm x 90mm)
Weight	5.0 lbs (2.27kg)
Temperature Range	0°C to +50°C (Operating)
Remote Control	External BNC connector and via USB cable
Software	Kigre LabVIEW GUI; Supported Operating Systems: Windows XP, 7, 8, 10
Bluetooth	Optional. Contact factory for details