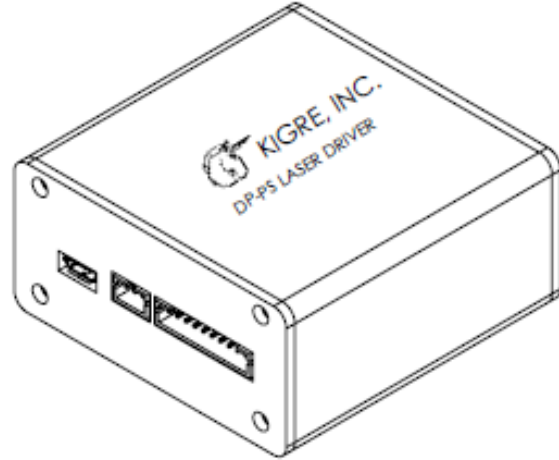


MK2-PS Laboratory Laser Driver

(For use with the Kigre MK-2 laser)

8.5A, 10Hz pulsed laser driver with Bluetooth capability. Includes soft-start, precision current control, on-board energy storage and advanced laser protection. Operates from battery and/or USB power sources.



Power Input	2-18Vdc (5 or 12Vdc typical). Standard 1A wall plug adapter with micro-USB cable included
Output Current Range	1-8.5 A +/- 0.5A (internally adjustable)
Pump Pulsewidth	<8.0 mS (photodiode feedback controlled)
Pulse Repetition Rate	0-10Hz
External Fire Input Signal	+5V TTL (4 to 18V, 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)	2.5" x 1.18" x 2.52" (63.5mm x 30mm x 64mm)
Weight	2.1oz. (60g)
Temperature Range	0°C to +50°C (Operating)
Remote Control	External BNC connector and via USB cable
Bluetooth Enabled	YES (Free Android App available from the Google Play Store)