

B1675 Laser Driver Board

(For use with MK11, MK82, & MK85 Lasers)

100A, 10Hz pulsed laser driver with Bluetooth capability. Includes soft-start, precision current control, on-board energy storage and advanced laser protection.



Power Input	5-34 Vdc (current and power depend on Vin and duty cycle).
Efficiency	92 % typical
Output Current Range	0 - 100 A +/- 1A (adjustable)
Pump Pulsewidth	<3.0 mS (photodiode feedback controlled)
Pulse Repetition Rate	0-10Hz
External Fire Input Signal	+5V TTL (4 to 30V, 0.5 to 3mS pulse) Optically Isolated Input. Pump current starts on rising edge
Trigger Sync Output Signal	+5V, 1mS pulse (>=50 ohm load) Synchronized with Laser Output Pulse
Size (W x D x H)	2.0" x 3.0" x 0.7" (51mm x 76mm x 18mm)
Weight	0.9oz. (25g)
Temperature Range	0°C to +50°C (Operating)
Remote Control	Supports external DAQ module for computer control with Kigre LabVIEW software via USB
Bluetooth Enabled	YES (Free Android App available from the Google Play Store)