

Dual Pump LD Driver - DPLDD

Features

Simultaneous control of two 14-pin butterfly LDs
Up to 1Ampere Pump LD bias current
Max. 750mW Pump LD control.
Output wavelength control via temperature setting
Stable LD temperature control with Heat Sink.
Remote control & monitoring via GUI and USB2.0

Applications

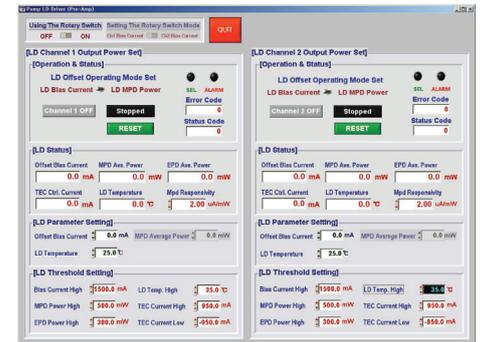
Pump laser diode driver
Fiber laser seed source laser driver
SLED broadband source laser driver
SOA type optical amplifier module driver



The Dual Pump LD Driver (DPLDD) module is an efficient module which can drive various kinds of pump laser diode for the pumping source of fiber laser, EDFA and ASE broadband source. This module can be used as the high power LD driver for SLED sources, SOA modules and fiber laser seed source LDs and also be used as the driver for driving the different two kinds of LD individually in one board.

Specifications

Parameters	High Current Module
Number of Channel	Two
Connector Type	14-Pin Butterfly Package Interface
Operating Current	0 ~ 1000mA
LD Output Power	750mW(Pump LD)
LD Output Power Stability	±0.2mW(@23±3°C, after 1 hour warm-up)
Operating Temperature	15 ~ 40°C (± 0.1 °C)
TE Cooler Current	±1A
Interface	USB 2.0 & GUI



Ordering Information Model No. : OPTOWARE-S402 – DPLDD (Dual Pump Laser Diode Driver)

High Power LD Driver - HPLDD

Features

Simultaneous control of four high power LDs
LD bias current up to 12Ampere
Total laser output power of max. higher 240W
CW or Pulse output (Min. 1us pulse width)
Stable LD temperature control with Heat Sink.
Remote control & monitoring via GUI and USB2.0

Applications

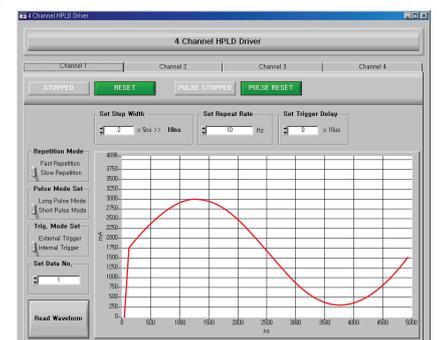
Laser driver for fiber laser pumping source
Laser driver for Optical amplifier pumping source
Medical high power laser driver
Industrial high power laser driver



The High Power LD Driver (HPLDD) module is an efficient module which can drive multi-channel high power laser diodes for the pumping source of fiber laser, optical amplifier and industrial laser applications. This module can accommodate up to four laser diodes which can be driven to output various arbitrary shapes of pulse individually

Specifications

Parameters	High Current Module
Number of LD	Four
Connector Type	2-Pin Package Interface
Operating Current	0 ~ 12A
Output Power per LD	> 60W
Total Output Power	> 240W
Minimum Pulsewidth	1us
Thermistor Resistance	10kΩ (option)
Interface	USB 2.0 & GUI



Ordering Information Model No. : OPTOWARE-S403 – HPLDD (High Power Laser Diode Driver : > 240W)