



# PHOTOP



## Laser Power Supplies

To drive the pump lasers of the DPSS or the peltier coolers for temperature stabilisation there is a wide product spectrum of power supplies. Starting from inexpensive OEM boards over modules up to desktop laboratory instruments the LDD/LDC/HPC series supply drive current up to 2.5 A, support coolers up to 2.5 A and allow digital or analog modulation up to 500 kHz. All of Photop's DPSS lasers can be driven by these power supplies.

### Features:

- wide product spectrum
- current- and temperature controllers
- analog modulation
- OEM and desktop versions

## DPBL Series of Blue DPSS

Beside the well known green DPSS lasers Photop also offers the DPBL series of blue lasers at 473 nm wavelength. The DPBL lasers are available with 20 mW or 50 mW, the lasers are actively temperature controlled to work over a wide operating temperature range, they are easy to operate and maintenance free. An internal photo diode controls the power of the blue light.

### Features:

- blue DPSS at 473 nm
- up to 50 mW
- internal power control

## NEW Green Line Laser

Laser line modules are widely applied for laser alignment and laser measurement. Green laser line has higher visibility than red laser line under the same output power. Photop green line laser can provide  $< \pm 20\%$  intensity uniformity, which has a very sharp boundary at the end of the line. Up to 50mw output power is available for standard line laser. Other performance can be offered on request.

### Features:

- Wide Temperature Operating (No TEC)
- Auto Power Control Function
- High Reliability
- Low Cost

### Applications:

- Laser Positioning
- Laser Alignment
- Machine Vision

