

DPSSL - Series (532nm -Green Laser)

Diode-Pumped
All Solid-State Lasers

PHOTONIK^{hv}



APPLICATIONS

Precision laser measurement
Green laser machine
Laser color printing or scanning
Biological material research
Laser medical instrument
Laser show and entertainment

FEATURES

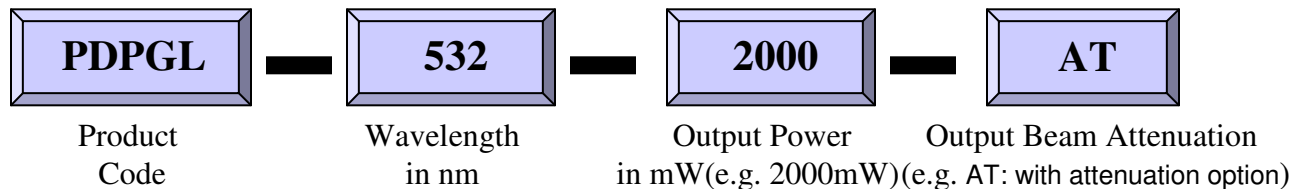
All solid-state and very compact design
Diode pumped and frequency-doubled;
Continuous-wave output;
High beam quality and high stability

Operation Wavelength:	532 nm (GREEN)
Operation Mode:	CW;
Beam Profile:	TEM ₀₀ (Single transverse mode); M ² < 1.45
Output Power:	1000: ≥1000mW; 2000: ≥2000mW; 3000: ≥3000mW; 4000: ≥ 4000mW; 5000: ≥ 5000mW;
Beam Diameter(1/e ²):	3.0mm typical; Optional: beam expander/reducer, adjustable/focusable, or with single mode fiber/multimode silica fiber coupled output, etc, upon request)
Polarization State:	500:1 typical; > 100:1
Power Stability:	Within ± 5% typical(over 8-hour);
Beam Divergence(Full Angle):	1.0mrad typical; < 1.5mrad max.
Operation Temperature:	10° C ~ 40° C
Dimension(Laser Head):	L430 x W125 x H180mm or OEM
Laser Power Supply:	Precision constant current control; Digital display; Key lock switch;
Power Supply Dimension:	L420 x W365 x H135mm
Power Requirement:	AC: 80 ~ 240V-AC//50~60Hz; 3A max.
Cooling:	Air-Cooling; Come with heat sink.
Option for Output Power Attenuation:	Continuously power adjustable: min ~ max with 10mW resolution; and come with beam shutter..

Warranty: 12 months standard. All products are guaranteed to be free from defects in materials and workmanship for a period of one year from date of purchase. Photonik reserves the right to repair or replace defective products at our option. This warranty does not apply to failure of the product due to misuse, abuse, accident, or neglect. Our liability is limited to the price of the part or service we are providing.

Photonik reserves the rights to change product designs and specifications at any time without notice.

Ordering Information:



Contact Information:

PHOTONIK (SINGAPORE) PTE LTD

8 Boon Lay Way, TradeHub 21, #04-04, Singapore 609964
Tel: +65-6316-6370, +65-6316-2142 Fax: +65-6316-1082
Email: sales@photonik.com.sg Web: www.photonik.com.sg

Local Representative:

