

LTL532S 532nm DPSS Green Laser

Leading-Tech Laser Co.,LTD

Detailed Specification

Output Wavelength	532nm±1nm
Output Power	600~1000mW
Beam Mode	Near TEM ₀₀
Longitude Mode	Multiple
Operating Mode	CW
Mode Quality (M ²)	<1.2
Beam Divergence, Full Angle	2.0 ± 0.2mrad
Beam Diameter (1/e ²) @ Exit	3.0 ± 0.2mm
Power Stability	±5%, ±3% (rms, over 2,4,8 hours, T= 25°C)
Modulation	Analog (10KHz) or TTL modulation (10KHz, 30KHz optional)

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OEM Service and Design

- [1] 0.1mrad ~ 1.0mrad beam divergence is available upon request.
- [2] Better Stability (<1% rms, over 2 hours, 25°C) or ultra-Stability (<1% rms, over 24 hours, 25°C) is available upon request.
- [3] Removable Powell lenses or fibers is available upon request
- [4] polarization maintaining fiber coupling or single mode fiber coupling is available upon request
- [5] Non-Gaussian laser line output (fan angle: 7° ~90° , line uniformity best down to 10%) is available upon request
- [6] 30KHz TTL modulation (0=laser off, 1=laser on) or 10KHz Analog modulation (0~5VDC) is available upon request.
- [7] TTL+ (0=laser off, 1=laser on), TTL-(0=laser on, 1=laser off) is available upon request
- [8] Other OEM design or service is available upon request

Reliability

Warm Up Time	<10minutes
Operating Temperature, Case	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Expected Operation Lifetime	10000 hours
Warranty	12 months

Mechanical Parameter

Dimensions of Laser Head	160x78x60mm
Power Supply	ADR-3000
	LED display, current adjustable, key switch
Dimensions of Power Supply	157 × 145 × 60mm
Input Volage	85~240VAC, 50/60Hz

Mechanical Drawing

