



MGL-U-xxx-SM Series



SM FIBER OUTPUT LASER

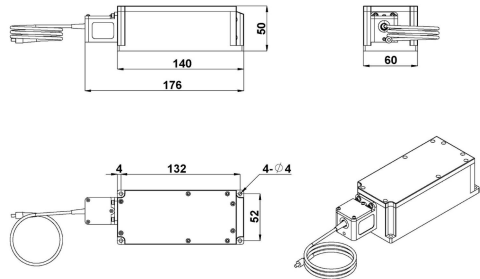
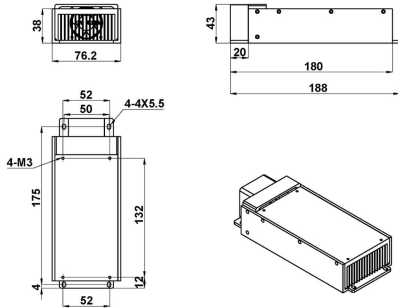
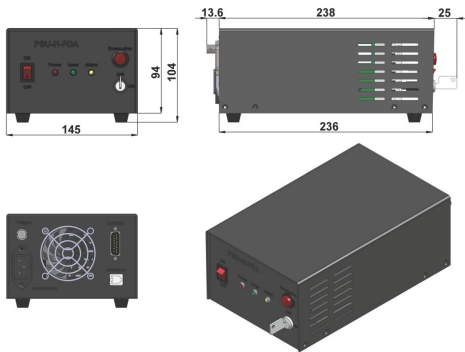
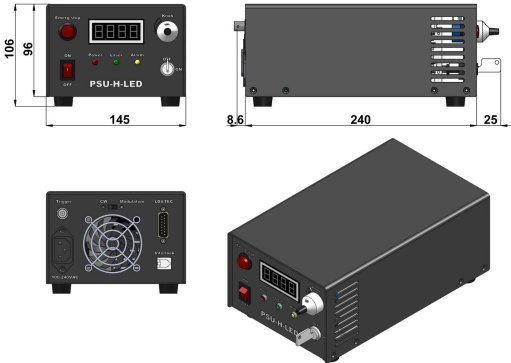
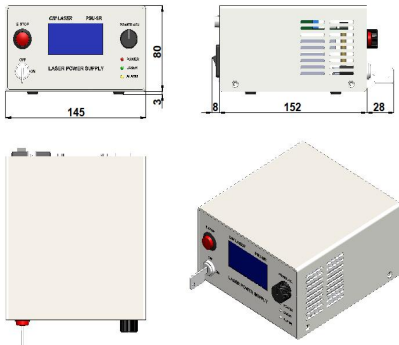
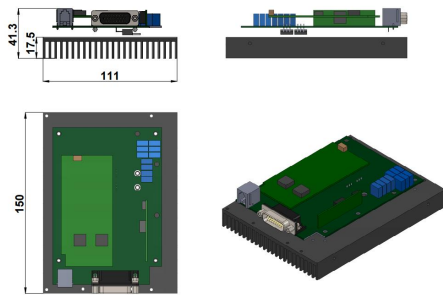
CNi has long extensive experience in delivery of fiber-coupled laser light sources providing high efficiency and long-term stability. All laser types can be offered with appropriate fiber coupling systems, This type is specifically designed for single-mode fiber (including PM) coupling with high power stability and long-term stability.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	CW
Output power (mW) ¹	1-400
Power stability (rms, 4 hours ±3°C)	<3%, <2%, <1%
Transverse mode	TEM ₀₀ (single mode fiber output)
M ²	<1.1
Fiber numerical aperture	0.10-0.15
Polarization ratio	No Polarization (>50:1 after PM fiber)
Fiber type	SM fiber (PM fiber optional)
Noise of amplitude (rms, 20Hz-20MHz)	<1%
Fiber connector	FC/APC
Fiber jacket	PVC (black)
Fiber length ²	1m (Other lengths can be customized)
Warm-up time (minutes)	<10
Operating temperature (°C)	20-35
Power supply (100-240VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR
Power supply (12VDC)	PSU-SR-OEM (12V/25A)
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	>10000

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068

LASER HEAD ³	HEATSINK (optional TC-04-FS)	POWER SUPPLY (PSU-H-FDA) ⁴
 176 (L) × 60 (W) × 50 (H) mm³, 1.1kg	 188(L)×76.2(W)×43(H) mm³, 0.65kg	 276.6(L) × 145(W) × 103.6(H) mm³, 2.3kg
POWER SUPPLY (PSU-H-LED) ⁵	POWER SUPPLY (PSU-SR) ⁵	DRIVER (PSU-SR-OEM) ⁴
 273.6 (L) × 145(W) × 106 (H) mm³, 2.3kg	 188(L) × 145(W) × 83(H) mm³, 1.2kg	 150(L) × 111(W) × 41.3(H) mm³, 0.8kg

1 Any power level can be selected in this range.

2 Other lengths are available on request.

3 The laser head needs to be used on a heat sink with good heat dissipation.

4 Output power adjustable 10-100%; RS232 control optional.

5 Fixed output power.

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068