

PGL-FC Series



PGL-FC series laser is made features of wide temperature operating (no TEC), high reliability, and low cost, which is widely used in orientation, alignment and measurement, etc.

SYSTEM SPECIFICATIONS*

Wavelength (nm)	Power (mW)	Fiber core (μm)	connector	Power stability (rms)	Expected lifetime (Hours)	Warranty (years)
375±10	1-30	400	FC/SMA905	<5% @25°C	10000	1
405±10	1-100					
450±10	1-100					
520±10	1-100					
532±1	1-50					
589±1	1-50					
637±10	1-100					
658±10	1-100					
785±10	1-100					
808±5	1-100					
830±10	1-100					
850±10	1-100					
940±10	1-100					
980±10	1-100					

ELECTRICAL SPECIFICATIONS

Operating voltage(internal PCB)	5VDC
Modulation optional	TTL or Analog0-3V,0-5V
Connection	Cable with flying leads

ENVIRONMENTAL CONDITIONS

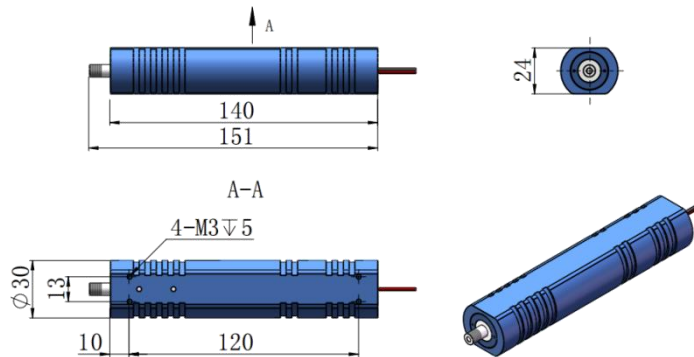
Operating temperature	°C	10°C to 35°C
Storage temperature	°C	-10°C to 70°C
Humidity	%	<90 %, non-condensing

MECHANICAL SPECIFICATIONS

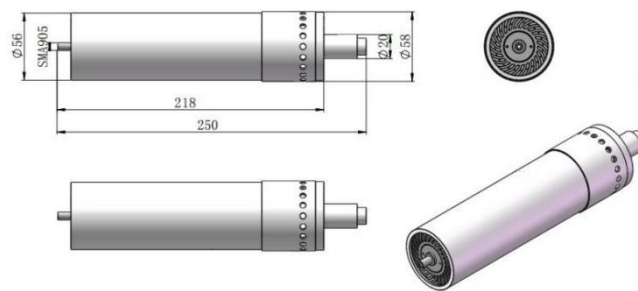
Dimensions of laser head	mm	Φ56×250mm ² (PGL-FC-375/589)
Dimensions of laser head	mm	Φ30×151mm ² (PGL-FC)
Material		Aluminum and copper

*All testing data is under the condition of temperature 25 °C

Dimensions of laser PGL-FC($\Phi 30 \times 151 \text{mm}^2$)



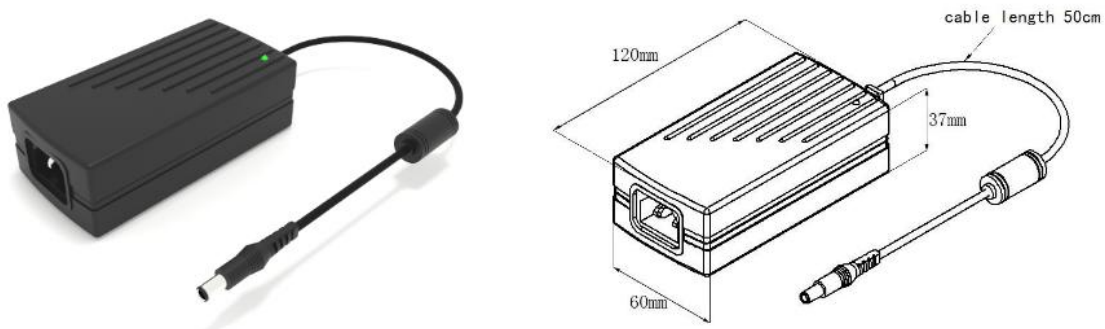
Dimensions of laser PGL-FC-375/589($\Phi 56 \times 250 \text{mm}^2$)



POWER ADAPTER**

Input		85-264V AC 47/63Hz
Output		DC 5V 5A
Adapter size	mm	120 x 60 x 37mm
Adapter cable length	m	0.5m
Cable connector		Easy connect/disconnect jack

Dimensions of power adapter (mm):



**CNI provides other types of power adapters to meet customer demand, please contact sales for details.