



EO-532-G/150~1500uJ

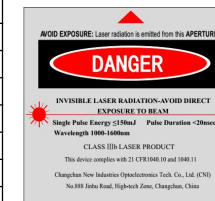
**HIGH ENERGY DIODE  
PUMPED ALL-SOLID-STATE  
Q-SWITCHED LASER**

High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in radar, topography measurement, marking, ranging, glass carving, micro-processing, scientific research, and so on.



SPECIFICATIONS

	EO-532-G-I			EO-532-G-II
Wavelength (nm)	532±1			532±1
Operating mode	Q-switched: EO (Electro-optic)			Q-switched: EO (Electro-optic)
Output power (W)	2@5KHz	3.75@25KHz	3@2KHz	8@50kHz
Single pulse energy (uJ)	400@5KHz	150@25KHz	1500@2KHz	160@50kHz
Pulse duration (ns)	<8@5KHz	<15@25KHz	<15@2KHz	<8@50kHz
Rep. rate (kHz)	1k~25kHz		One fixed value between 1k~3kHz	1k~100kHz
Power stability (rms)	<1%, <2%			<1%, <2%
M <sup>2</sup>	<1.2		<2	<2
Pointing stability (urad, std)	<20			<20
Beam divergence, full angle (mrad)	<3			<3
Beam diameter (mm)	~1			~1
Beam height from base plate (mm)	80			78
Warm-up time (minutes)	<15			<15
Cooled method	Air cooled			Air cooled
Operating temperature (°C)	15~30			15~30
Power supply (DC 24V)	PSU-EO-G-I			PSU-EO-G-II
Expected lifetime (hours)	10000			
Warranty period	1 year			
Options	Higher energy can be customized; Higher frequency can be customized; Reliability and environmental adaptation can be customized;			



Laser Head		Power Supply	
EO-532-G-I	EO-532-G-II	PSU-EO-G-I(DC 24V)	PSU-EO-G-II(DC 24V)
<p>241.4(L)×210(W)×118(H)mm<sup>3</sup> 5.8kg</p>	<p>352(L)×210(W)×150(H)mm<sup>3</sup> 10kg</p>	<p>366(L)×264(W)×102(H)mm<sup>3</sup> 6.5kg</p>	<p>391(L)×344(W)×120.5(H)mm<sup>3</sup> 10kg</p>