

LPS-A-532/10-80mJ

### SPECIFICATIONS

### HIGH ENERGY LAMP PUMPED SOLID STATE Q-SWITCHED LASER


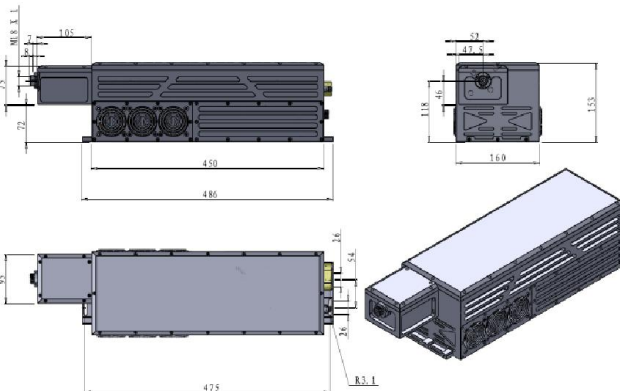

High energy lamp pumped solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, high peak power, and without external water cooling machine, which is widely used in scientific research and so on.



Wavelength (nm)	532±1			
Operating mode	Q-switched: EOM (Electro-optic modulation)			
Single pulse energy (mJ)	10	30	50	80
Pulse duration (ns)	<10	<10	<10	<10
Rep. rate (Hz)	1~10 (adjustable)			
Energy stability	≤5%			
Warm-up time (minutes)	<15			
Beam divergence, full angle (mrad)	~1.5	~1.0	~1.0	~1.0
Beam diameter (mm)	<6	<6	7	7
Beam height from base plate (mm)	118			
Cooled method	Water-to-air Cooled			
Operating temperature (°C)	20~25			
Power supply (220/110VAC)	PSU-LPS-A(3U)			
Expected lifetime (pulses)	10 <sup>7</sup> ~10 <sup>8</sup>			
Warranty period	1 year			
Available Options	Jitter :~1ns (Sdev)			



If you have any further requirement about the specification, please contact CNI sales.

	LPS-A-532	PSU-LPS-A (3U)
 <p data-bbox="376 1362 654 1385">588 (L) ×160(W) ×153(H) mm<sup>3</sup>, 15 kg</p>		 <p data-bbox="1666 1362 1926 1385">480 (L) ×450(W) ×150(H) mm<sup>3</sup>, 15kg</p>