

LPS-S-1064/50-300mJ

### SPECIFICATIONS

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


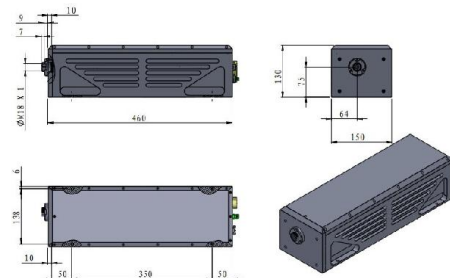


High energy lamp pumped solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in scientific research and so on.



Wavelength (nm)	1064±1			
Operating mode	Q-switched: EOM (Electro-optic modulation)			
Single pulse energy (mJ)	50	100	200	300
Pulse duration (ns)	<10	<10	<8	<8
Rep. rate (Hz)	1~10 (adjustable)			
Energy stability	≤3%			
Warm-up time (minutes)	<15			
Beam divergence, full angle (mrad)	~1.0	~1.0	~1.0	~1.0
Beam diameter (mm)	<5	<5	6	7
Beam height from base plate (mm)	75			
Cooled method	Water Cooled			
Operating temperature (°C)	20~30			
Power supply (220/110VAC)	PSU-LPS-S(3U)			
Expected lifetime (pulses)	10 <sup>7</sup> ~10 <sup>8</sup>			
Warranty period	1 year			
Available Options	SHG Module, Higher Repetition Rates:<20Hz, Jitter ~1ns (Sdev)			



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

LPS-S-1064		PSU-LPS-S (3U)	Water chiller
 <p>476(L) × 150(W) × 120(H) mm<sup>3</sup>, 14 kg</p>		 <p>480 (L) × 450(W) × 150(H) mm<sup>3</sup>, 15 kg</p> <p>We can touch items on the screen to select or launch</p>	 <p>330(L) × 450(W) × 600(H) mm<sup>3</sup>, 41 kg</p>