

LPS-1064-Subnano /30~200mJ

HIGH ENERGY LAMP PUMPED ALL-SOLID-STATE PICOSECOND LASER

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



SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Pulsed
Single pulse energy (mJ)	30-200
Pulse duration (ps)	<500
Rep. rate (Hz)	1~10 (adjustable)
Energy stability	<3%
Beam divergence, full angle (mrad)	<3
Beam diameter (mm)	~7
Warm-up time (minutes)	<15
Cooled method	Water Cooled
Operating temperature (°C)	15~30
Power supply	AC 220V
Expected lifetime(pulses)	$10^7\sim 10^8$
Warranty period	1 year