

DATA SHEET

DPS-1064-Mini/1~20mJ

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

High energy diode pumped all 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 LIBS, LIF, ICP-MS, LCD repair, scientific research, and so on.







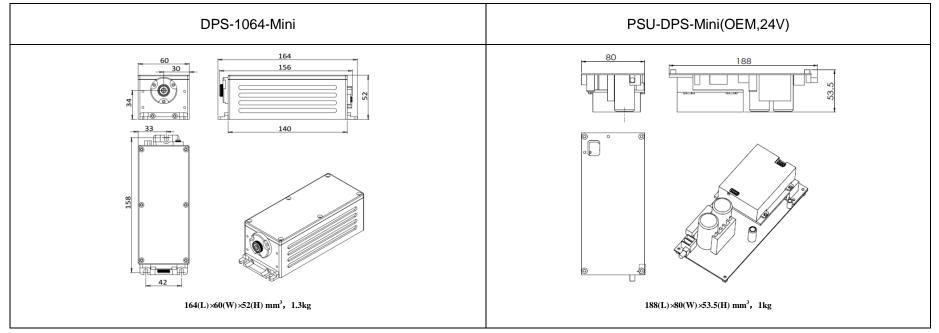


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Q-switched: EOM (Electro-optic modulation)
Single pulse energy (mJ)	1~20
Pulse duration (ns)	<10
Rep. rate (Hz)	INT: 1, EXT: 0~2
Energy stability(rms)	<3%,<5%
Beam divergence, full angle (mrad)	<3
Beam diameter (mm)	~3
Warm-up time (minutes)	<15
Beam height from base plate (mm)	34
Cooled method	Air cooled
Operating temperature (°C)	15~30
Power supply (220VAC/24VDC)	PSU-DPS-Mini
Expected lifetime (pulses)	10 9
Warranty period	1 year
Available options	Jitter(Sdev):~1ns;Battery power supply







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