

DPS-1064-Mini/1~20mJ

SPECIFICATIONS

**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.



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 <sup>9</sup>
Warranty period	1 year
Available options	Jitter(Sdev):~1ns;Battery power supply



DPS-1064-Mini	PSU-DPS-Mini(OEM,24V)
<p>164(L)×60(W)×52(H) mm<sup>3</sup>, 1.3kg</p>	<p>188(L)×80(W)×53.5(H) mm<sup>3</sup>, 1kg</p>