

DPS- 1573-Q/5~20mJ

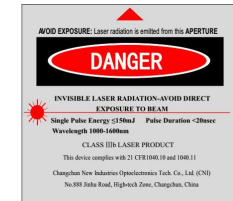
HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 1573nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in measurement, remote sensing, visualization, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	1573±1	
Operating mode	Q-switched: EO (Electro-optic)	
Single pulse energy (mJ)	10	20
Pulse duration (ns)	<8	
Rep. rate (Hz)	1-50 (adjustable)	
Energy stability	<2%	
Beam divergence, full angle (mrad)	<8	
Beam diameter (mm)	~3	~4
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	55	
Cooled method	Water Cooled	
Operating temperature (°C)	15~30	
Power supply (220V AC)	PSU-DPS-Q-I (3U)	
Expected lifetime (pulses)	10 ⁹	
Warranty period	1 year	
Available options	Jitter(Sdev):~1ns(Electro-optic modulation); Accessories	



DPS-1573-Q	PSU-DPS-Q-I (3U)	WCH-600
<p>437(L)×160(W)×100(H) mm³, 7.5 kg</p>	<p>Rep. Rate and Current can be adjusted by touch screen 323 (L) × 306(W) × 106(H) mm³, 4 kg</p>	<p>450(L) × 482(W) × 221(H) mm³, 25 kg</p>