

DPS-355-Q/2~10mJ

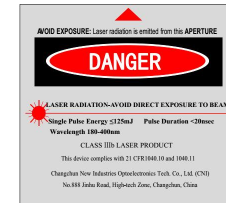
SPECIFICATIONS

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

High energy diode pumped all solid state Q-switched laser at 355nm has the features of high single pulse energy , short pulse duration , and high peak power , which is widely used in LIBS, LIF, PIV, ICP-MS, LCD repair, scientific research, laser processing, and so on.



Wavelength (nm)	355±1		
Operating mode	Q-switched: EOM (Electro-optic modulation)		
Single pulse energy (mJ)	2	5	10
Pulse duration (ns)	<10		
Rep. rate (Hz)	1~100 (adjustable)		
Energy stability	<5%, <4%		
Beam divergence, full angle (mrad)	<3		
Beam diameter (mm)	~2	~2.5	~3
Warm-up time (minutes)	<15		
Beam height from base plate (mm)	55		
Cooled method	Water Cooled		
Operating temperature (°C)	15~30		
Power supply (220VAC)	PSU-DPS-Q-I		
Expected lifetime (pulses)	10 <sup>9</sup>		
Warranty period	1 year		



DPS-355-Q	PSU-DPS-Q-I	Water Chiller (WCH-1500)
<p>573 (L) × 160 (W) × 100 (H) mm<sup>3</sup>, 8 kg</p>	<p>Rep. Rate and Current can be adjusted by touch screen 323 (L) × 306 (W) × 106 (H) mm<sup>3</sup>, 6 kg</p>	<p>580 (L) × 290 (W) × 470 (H) mm<sup>3</sup>, 24 kg</p>