

DPS-532-H/5~10mJ

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

High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, high beam quality, high repetition rate, short pulse duration, and high peak power, which is widely used in scribing, cutting, Space debris detection, scientific research, laser processing, and so on.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	Q-switched; EO (Electro-optic)	
Single pulse energy (mJ)	7	10
Pulse duration (ns)	<4	
Rep. rate (Hz)	One fixed value between 1~1000	
Energy stability	<3%, <5%	
M ²	<1.5	
Beam divergence, full angle (mrad)	<2	
Beam diameter (mm)	~2.5	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	160	
Cooled method	Water Cooled	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	PSU-DPS-H	
Expected lifetime (pulses)	10 ⁹	
Warranty period	1 year	
Available options	Jitter:~1ns(Sdev); Repetition rate 1~200KHz can be customized.	



DPS-532-H	PSU-DPS-H	WCH-3600
<p>893 (L) ×435(W) ×200(H) mm³, 66 kg</p>	<p>850 (L) ×544(W) ×589(H) mm³, 90 kg Energy can be adjusted by touch screen</p>	<p>510(L) ×452(W) ×976(H) mm³, 60 kg</p>