



DPS-355-E/1~2mJ

**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.



SPECIFICATIONS

Wavelength (nm)	355±1	
Operating mode	Q-switched: EO (Electro-optic)	
Single pulse energy (mJ)	1	2
Pulse duration (ns)	<4	
Rep. rate (Hz)	1~50 (Optional), EXT	
Energy stability (rms)	<5%	
Beam divergence, full angle (mrad)	<3	
Beam diameter (mm)	~1	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	34	77.5
Cooled method	Conduction (DPS-355-E- I )	Air cooled (DPS-355-E- II )
Operating temperature (°C)	15~30	
Power supply (24V DC)	PSU-DPS-E	
Expected lifetime (pulses)	10 <sup>9</sup>	
Warranty period	1 year	



DPS-355-E- I	DPS-355-E- II	PSU-DPS-E
<p>285(L)×119(W)×54(H)mm<sup>3</sup>, 3.5kg Heat dissipation is offered by customer</p>	<p>285(L)×122(W)×97.5(H) mm<sup>3</sup>, 4kg</p>	<p>271 (L) ×140(W) ×112(H) mm<sup>3</sup>, 2.5 kg Rep. Rate and Current can be adjusted by touch screen</p>