

DPS-532-P-Subnano /1-15mJ

HIGH ENERGY DIODE
PUMPED ALL-SOLID-STATE
PICOSECOND LASER

High energy diode pumped all solid state picosecond laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in medical application, LIBS, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	532 ± 1
Operating mode	Passively
Single pulse energy (mJ)	1-15
Pulse duration (ps)	<500
Rep. rate ¹	1-100Hz
Energy stability (std dev/mean)	<5%, <3%
Beam divergence, full angle (mrad)	<3
Beam diameter (mm)	~3
M ²	<3
Warm-up time (minutes)	<15
Cooled method	Water cooled
Operating temperature (°C)	15-30
Power supply (110/220VAC)	PSU-DPS-Subnano
Expected lifetime (pulses)	10 ⁹

1 One fixed value between 1-100Hz.