

# High Power Laser

## Specifications

<b>Model Number</b>	<b>HP-V355-3000-DB</b>
<b>Optical Specifications</b>	
Wavelength	355 nm
Center Wavelength Deviation	+/- 1 nm
Output Power	1000 ~ 3000 mW
Longitudinal Mode	Multi
Single Pulse Energy	1 ~ 150 $\mu$ J
Rep. Rate	10~100 kHz
Pulse width	~15 ns
Peak Power	1~10 kW
Power Stability (over 4 hours) (rms)	< 10% (optional: < 3%, < 5%)
Operating Mode	Q-switched
Polarization Ratio	> 100:1
Beam Diameter at the Aperture ( $1/e^2$ )	< 1.5 mm
Beam Divergence (Full Angle)	< 1.1 mrad
Warm-up time	< 12 minutes
Working Temperature	15 to 30 ° C
Cooling Mode	Air Cooled
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
<b>Mechanical Specifications</b>	
Dimension of Laser Head	420 (L) x 142 (W) x 144 (H) mm
Dimension of Power Supply	485 (L) x 381 (W) x 133 (H) mm
Dimensional Tolerances	+/- 1 mm