

# High Power Laser

## Specifications

<b>Model Number</b>	<b>HP-R655-2500-QN</b>	
<b>Optical Specifications</b>		
Wavelength	655 nm	
Center Wavelength Deviation	+/- 1 nm	
Output Power	1200~1500 mW	2000~2500 mW
Longitudinal Mode	Multi	
Transverse Mode	Multi	
Power Stability (over 4 hours) (rms)	< 5 % (optional: < 1 %, < 3 %)	
Operating Mode	CW	
Polarization Ratio	> 100:1	
Beam Waist	< 6*5 mm	< 7*6 mm
Spectral Linewidth	~ 2 nm	
Beam Divergence (Full Angle)	< 2.5 mrad	< 3.5 mrad
Warm-up time	< 6 minutes	
Pointing Stability after Warm-up	< 0.05	
Working Temperature	0 to 40 ° C	
Cooling Mode	TEC / FANS	
Estimated Lifetime (MTTF)	10000 hours	
Warranty Time	1 year	
<b>Mechanical Specifications</b>		
Dimension of Laser Head	140 (L) x 78 (W) x 62 (H) mm	
Dimension of Power Supply	164 (L) x 164 (W) x 83 (H) mm	
Dimensional Tolerances	+/- 1 mm	