

## i Series: 400W Lasers & Performance

Performance	ti100
Output Power	400W
Mode Quality	$M^2 \leq 1.2$
Rise Time	< 100 $\mu$ sec
Beam Diameter	6.0 mm $\pm$ 0.6 mm
Beam Divergence (full angle)	2.5mR $\pm$ 0.3mR
Wavelength	10.2 $\mu$ m/ 10.6 $\mu$ m
Power Stability from cold start (guaranteed)/ after 2 min. (typical)	$\pm$ 7%/ $\pm$ 5%
Cooling	Water
Heat Load (max)	6000 W
Input Voltage/Current	48 VDC/125A
Dimensions Inches (mm)	43.8 x 8.2 x 11.8 (1227 x 208 x 300)
Weight	130 lbs./59 kg
Data Sheet	Data Sheets, Technical Drawings, and Manuals can only be downloaded when accessing the full site from a desktop or laptop comuter.
Technical Drawing	
Manual	

## Related Products

Product	Description	Go To
Power Supply	Recommended DC power supply for Synrad lasers	See AC/DC Power Supplies under Aecessories for the recommended power supply