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FIBER LASER TORRENT-1064-20-PM-CW

＊Wavelength 1064nm
＊Polarization Ratio >100 : 1
＊Rated Power >20W

FEATURES	APPLICATIONS
Low Noise: RMS <1.0 % PC Control: Current / Power Mode Lifetime > 30000 hours （Expected） Good Power Stability: < ±1.0 % Line Width: <0.2 nm Power Modulation: 0～100 % CW Operation Air Cooling	Laser for SHG / THG 3D Printer Micro Processing Measurement Graphic Imaging Printing（CtP） Soldering Marking Sensing Welding

FIBER LASER SPECIFICATIONS MODEL : TORRENT 1064-20-PM-CW

Wavelength	1064 nm
Output Power	>20 W
Mode of Operation	CW
Transverse Mode	TEM_{00}
Beam Quality M^2	<1.1
Polarization	Linear
Polarization Ratio	>100 : 1
R.M.S. Noise （1 Hz-10 MHz）	<1.0 %
Line Width	<0.2 nm
Warm-Up Time （90 % Power）	<1 minutes
Power Stability （25 ℃ Constant Temperature）	<±1.0 % / 8 hours
Power Stability （10 ℃～50 ℃）	<5.0 %
Fiber Delivery	PM
Fiber Length	2 meter
Beam Delivery	Collimated beam
Lifetime to 70 % Rated Power	>10000 hours
Environmental Condition （Operation）	Temperature 10 ℃～50 ℃ Humidity <90 % RH ※1
Environmental Condition （Storage）	Temperature －10 ℃～60 ℃ Humidity <90 % RH ※1
Vibration Resistance （Operation）	0.2 G （15～200 Hz）
Vibration Resistance （Storage）	2 G （15～200 Hz）
Shock Resistance	15 G, 11 milliseconds ※2
Input Voltage / Frequency	AC90～264 V / 48～62 Hz
Dimensions	483mm（W）×89mm（H）×458mm（D） 19" Rack, 2U
Weight	14.5kg
Cooling	Air
CDRH and IEC Laser Classification	Class Ⅳand Class 4
Applied Standards	IEC60825-1 / 2007-03 IEC61010-1 / 2010-03 FDA 21 CFR PART 1040.10（CDRH）

Specifications in this document subject to change without notice.

※1：Non-Condensing ※2：During Transportation