


MEDIUM POWER CO₂ LASER

Model LASY-20 ♦ SPECIFICATIONS

Model	LASY-20	LASY-20P	LASY-20D
CW power	20	14 (average)	Lasy-20D has features of both Lasy-20 and Lasy-20P when the appropriate DC power supplies are used. www.accesslaserco.com
Peak power	20	60	
M ²	< 1.1	< 1.1	
Beam waist diameter	2.4 mm	2.4 mm	
Waist location	Output coupler	Output coupler	
Full Div. Angle	5.5 mrad	5.5 mrad	
Power stability	±5%	±5%	
Wavelength (µm)	Around 10.6	Around 10.6	
Rise time (µs)	200	100	
Fall time (µs)	200	100	
Electronic PWM parameters	Any frequency up to 100 kHz, duty cycle 0-100%	Any frequency up to 100 kHz, duty cycle 0-30%, pulse length to 0.5 ms	 <p>DANGER</p> <p>INVISIBLE LASER RADIATION-AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION</p> <p>Max power: 100W Wavelength: 9 - 12 µm</p> <p>CLASS IV LASER PRODUCT</p>
Supply Voltage	28 VDC	48 VDC	
Supply Current	13 Amp	9 Amp	
Cooling Requirement	Forced air	Forced air	
Working Temp	5-40 C	5-40 C	
Dimensions(inch)	28x3.8x2.8 (4.0 with fans mounted)	28x3.8x2.8 (4.0 with fans mounted)	

Factory warranty: One year for parts and labor due to manufacturing quality

Options available:

- 100 watt peak power-Lasy-20PP
 - 9.3 µm
 - Power stabilization-Lasy-20S
- * We strive to satisfy custom requirements. Please contact us if you have other special needs.
- * Specifications subject to change without notice.

