

60W~200W fiber-coupled direct diode lasers



Applications:

- plastic welding
- Welding
- soldering

Specifications

Optical specification			
Output Power	60W	150W	200W
Wavelength	915nm or 980nm		
Fiber Core[N.A.]	105 μm [NA 0.22]	105 μm [NA 0.22]	135 μm [NA 0.22]
Fiber length	5m		
Fiber Terminal	SMA905		
Aiming beam	Red		
Operation Mode	CW or Modulated		
Polarization State	Random		
Output Power Instability (25°C)	<2% (2hrs)		
Output Power Tunability	10%-100%		
Modulation Frequency	20kHz		
Electrical Characteristics			
Voltage	Single phase, 220±20V, AC, PE, 50 or 60Hz		
Power consumption at nom. Power, approx	<500W		
Interface	Touch screen, RS232, AD control		
Cooling Requirement			

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Refrigerating method	Air cooling	Water cooling	Water cooling
Others			
Weight	40 kg	46 kg	66kg
Dimensions	5U (220 mm), 710mm depth		
Temperature	10 - 45 °C operational, 5 - 65 °C storage		
Humidity	max. 75% @ 25°C, non condensing		
Protection rating	IP54		
Safety class	4 (EN 60825-01)		

Package Dimensions (mm)

