

DLM-QCW SERIES

Quasi-CW Diode Lasers



FEATURES

- ▶ Mode of Operation- Pulsed
- ▶ Output Peak Power- up to 6 kW
- ▶ Central Wavelength-895 nm
- ▶ Core Fiber Diameter-600 μm
- ▶ Air-Cooling



APPLICATIONS

- ▶ Laser Dermatology
- ▶ Hair Removal
- ▶ Vascular Lesion
- ▶ Pigmented Lesion

IPG Photonics offers the DLM-QCW Series are a high power quasi-continuous wave (QCW) diode laser with a central wavelength of 895 nm and output peak power up to 6 kW. These OEM modules are designed for easy integration into laser medical systems for various applications such as hair removal, pigment and vascular lesion treatment. The DLM-QCW Series diode lasers deliver energy through a flexible 600 μm core diameter fiber for seamless integration into a hand-held applicator. Rack-mounted units with end-user friendly control interface and integrated AC power supply are also available for R&D applications..

DLM-QCW SERIES

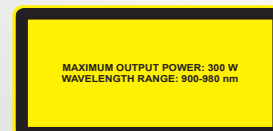
Quasi-CW Diode Lasers

Optical Characteristics	DLM-300/3000-QCW	DLM-600/6000-QCW
Wavelength, nm	895	
Mode of Operation	Pulsed	
Repetition Rate, Hz	Up to 10	
Max. Output Power, W	3000	6000
Max. Average Power, W	200	300
Power Stability, %	±5	
Fiber Delivery Core Diameter, mm/NA	0.6/ 0.22	

General Characteristics	DLM-300/3000-QCW	DLM-600/6000-QCW
Dimensions, mm	336 x 435 x 148	411 x 509 x 85
Weight, kg	<25	<35
Cooling	Air-Cooled	
Supply Voltage, VDC	48	



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