

FIBERSTAR OEM INDUSTRIAL WELDER

8600 Series

★ HIGHLIGHTS

Excellent Pulse Stability $\pm 1\%$
 Maintenance Free Air Cooled Laser
 150W, 300W, 450W, 600W Models
 Compact, Portable Footprint

- Outstanding Peak Power (up to 10x Average Power)
- Pulse Performance Profile Technology
- Available in Single or Multi Mode Models
- Industry Standard QBH Output Connector
- Three Output Fiber Options (50 μ m, 100 μ m, 200 μ m)
- Digital I/O, Analog Control, RS232, Remote Diagnostics
- Touchscreen User Interface w/ Remote OIT Option
- Energy Efficient, Air Cooled Fiber Laser
- Output Fiber Length 5 Meter



Worldwide Safety Certification

FDA(CDRH), UL, CSA, CE, ETL

- ✓ Medical Device Components
- ✓ Micro & Mold Repair Welding
- ✓ Automotive & Micro Components
- ✓ Computer Components
- ✓ Spot & Seam Welding
- ✓ Aerospace & Electronics
- ✓ Many Complex Alloys



Our online laser academy and training courses are designed to provide you with a solid foundation of fundamental system operation skill sets.

www.LaserStarAcademy.com

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FiberStar Lasing System	Class 4
Operating Mode	Pulse or Continuous Wave (CW)
Pulse Length	0.02 - 50 milli-seconds
Wavelength	1070 nm
Pulse Frequency	0.5 - 20 Hz
Output Power (Watts)	150W / 350W / 450W / 600W
Output Power Stability	+/- 1%
Maximum Peak Power	1.5kW / 3.0kW / 4.5kW / 6.0kW
Burst (Count) Mode	1 - 25 pulses
Motorized Beam Expander	Optional
Cooling Capacity-Run Time	Internal Forced Air/ 24h Continuous
Country Of Origin	USA

FiberStar 8600 series are fast, efficient, portable OEM fiber laser engines with a **QBH fiber** optic attachment for **high-speed** spot & seam welding, drilling, and cutting applications.

These **Quasi-CW** systems produce exceptionally **high peak power** making them ideal for wide range of flashlamp pumped system retrofit applications. **LaserStar's** proprietary system **software** allow users the ability to easily **integrate laser source** for retro-fit applications, high speed assembly operations, motion systems, and custom turnkey solutions.

The **8600 series** offers outstanding **pulse power** and energy **stability** in a OEM module ensuring **consistent** material processing for many **years** of operation.

* In the interest of technical progress we reserve the right to make technical changes without notice. Note: The technical specs can vary depending on laser.

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FDA(CDRH), UL, CSA, CE



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