



ML-2651B, ML-2650B YAG Laser Welder

- Plug and play lasers for fast system integration
- Compact design minimises space requirement
- Real time power feedback for superior output control
- Time share configuration allows operation of several Workstations for improved flexibility
- Bi-Frequency power supply for ease of use worldwide
- Flexible pulse shaping helps achieve optimum welding profiles for more challenging materials
- Integrated beam splitter with multiple laser outputs for increased throughput

KEY FEATURES

- Pulse: 1 to 500 PPS
- Fiber diameter: SI 0.6 – 1 mm
- Environment: 5 to 30 °C with humidity < 85%

TYPICAL APPLICATIONS



IT & Multimedia



Electronics



Automotive



Batteries

TECHNICAL SPECIFICATIONS

Model	ML-2651B	ML-2650B
Max. rated output	500 W	600 W
Max. output energy	80 J/P	100 J/P
Max. peak power	8 kW	10 kW
Power requirements	3-phase, 380, 400 V to AC (+/- 10%) , 50/60 Hz	
Breaker rated current	60 A (400 VAC)	
Cooler	Water -Water	
Weight	540 kg	
Safety class	Class 4 laser, pilot laser: Class 1	
Legal approval	CE compliant	

DRAWINGS

