



ML-2551A, ML-2552A, ML-2550A 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 0.3 – 1 mm (ML-2552A), SI0.4 – 1 mm (ML-2551A, 2550A)
- Environment: 5 to 30 °C with humidity < 85%

TYPICAL APPLICATIONS



IT & Multimedia



Electronics



Automotive



Batteries

TECHNICAL SPECIFICATIONS

Model	ML-2551A	ML-2552A	ML-2550A
Max. rated output	300 W	300 W	400 W
Max. output energy	50 J/P	20 J/P	80 J/P
Max. peak power	5 kW	5 kW	8 kW
Power requirements	3-phase, 380, 400 V to AC (+/- 10%) , 50/60 Hz		
Breaker rated current	30 A (400 VAC)		30A (400 VAC)
Cooler	Water -Water		
Weight	450 kg		
Safety class	Class 4 laser, pilot laser: Class 1		
Legal approval	CE compliantax. Rated outputax. Rated output		

DRAWINGS

