CorActive's OEM fiber lasers are designed with specific attention to enhance the ease of OEM integration, enabling easy adoption of the full product features.

CorActive pulsed fiber lasers make use of a master oscillator power amplifier (MOPA) configuration that offers highly flexible control over pulse width and peak power. MOPA pulsed fiber lasers outperform conventional Q-Switch fiber lasers and are ideal for applications in metal marking and engraving, fine cutting, drilling, layer removal, etc.

### SPECIFICATIONS

#### Optical Performances

- **Mode of Operation**: Pulsed
- **Polarization**: Random
- **Wavelength**: nm 1064
- **Average Output Power**: W 30.5 ± 1.0
- **Output Power Range**: % 5 — 100
- **Maximum Peak Power**: kW 15
- **Maximum Peak Energy**: mJ 1.0
- **Pulse Duration**: ns 4 — 250
- **Repetition Rate**: kHz 1.6 — 1000
- **Beam Quality (M2)**: 1.6 ± 0.4
- **Beam Diameter**: mm 6 - 9

#### Electrical

- **Operating Voltage**: V 24
- **Operating Current**: A < 7

#### Mechanical & Environmental

- **Cooling Method**: Air Cooled
- **Output Fiber Length**: m 2.5
- **Operating Temperature**: °C 0 — 40
- **Operating Humidity**: %, rel. 10 — 95

### RELATED PRODUCTS

- **CFLP-20-0.7-SM**: 20W/0.7mJ Singlemode Pulsed Fiber Laser
- **CFLP-20-1.0**: 20W/1.0mJ Pulsed Fiber Laser
- **CFLP-50-1.0**: 50W/1.0mJ Pulsed Fiber Laser
- **CFLP-100-1.0**: 100W/1.0mJ Pulsed Fiber Laser

All above specifications are subject to change without notice. BR0058r1.1 - 07/19
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