

LPS-1064-M/1-10J

SPECIFICATIONS

**LAMP PUMPED
SOLID STATE
LONG PULSED LASER**

Lamp pumped solid state long pulsed laser at 1064nm has the features of high signal pulse energy, high repetition rate, and long pulse duration, which is widely used in laser processing, scientific research, and so on.



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|------------------------------------|------------------|--------|
| Wavelength (nm) | 1064±1 | |
| Operating mode | Pulsed | |
| Single pulse energy (J) | 5@5ms | 10@5ms |
| Pulse duration (ms) | 0.1~20 | |
| Rep. rate (Hz) | 1~20,EXT | |
| Energy stability | <2%, <3%, <5% | |
| Beam divergence, full angle (mrad) | <3 | |
| Beam diameter (mm) | ~8 | |
| Warm-up time (minutes) | <15 | |
| Beam height from base plate (mm) | 100 | |
| Cooled method | Water Cooled | |
| Operating temperature (°C) | 15~35 | |
| Power supply (220VAC) | PSU-LPS-M(3U) | |
| Expected lifetime (pulses) | >10 ⁶ | |
| Warranty period | 1 year | |



| LPS-1064-M | PSU-LPS-M | WCH-3600 |
|--|--|--|
| <p>700 (L) ×160(W) ×140(H) mm³, 25 kg</p> | <p>500 (L) ×480(W) ×200(H) mm³, 25 kg</p> | <p>505 (L) ×625(W) ×905(H) mm³, 91 kg</p> |