

LPS-L-1064/350-1000mJ

SPECIFICATIONS

HIGH ENERGY LAMP PUMPED SOLID STATE Q-SWITCHED LASER


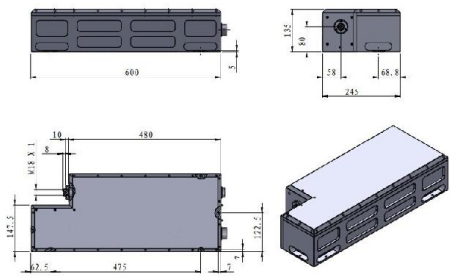


High energy lamp pumped solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in scientific research and so on.



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|------------------------------------|---|------|------|------|
| Wavelength (nm) | 1064±1 | | | |
| Operating mode | Q-switched: EOM (Electro-optic modulation) | | | |
| Single pulse energy (mJ) | 350 | 500 | 700 | 1000 |
| Pulse duration (ns) | <10 | <10 | <8 | <8 |
| Rep. rate (Hz) | 1~10 (adjustable) | | | |
| Energy stability | ≤3% | | | |
| Warm-up time (minutes) | <15 | | | |
| Beam divergence, full angle (mrad) | ~1.0 | ~1.0 | ~1.0 | ~3.0 |
| Beam diameter (mm) | 7 | 8 | 8 | 9 |
| Beam height from base plate (mm) | 80 | | | |
| Cooled method | Water Cooled | | | |
| Operating temperature (°C) | 20~30 | | | |
| Power supply (220/110VAC) | PSU-LPS-L(3U) | | | |
| Expected lifetime (pulses) | 10 ⁷ ~10 ⁸ | | | |
| Warranty period | 1 year | | | |
| Available Options | SHG Module ,Higher Repetition Rates:<20Hz, Jitter:~1ns (Sdev) | | | |



If you have any further requirement about the specification, please contact CNI sales.

| LPS-L-1064 | | PSU-LPS-L (3U) | Water chiller |
|---|--|---|---|
|  |  |  |  |
| 600 (L) ×245(W) ×135(H) mm ³ , 24 kg | | 480 (L) ×450(W) ×175(H) mm ³ , 16 kg Rep. Rate and Volage can be adjusted by touch screen | 330(L) ×450(W) ×600(H) mm ³ , 41 kg |