

HPL-1319-CW/100~150W

SPECIFICATIONS

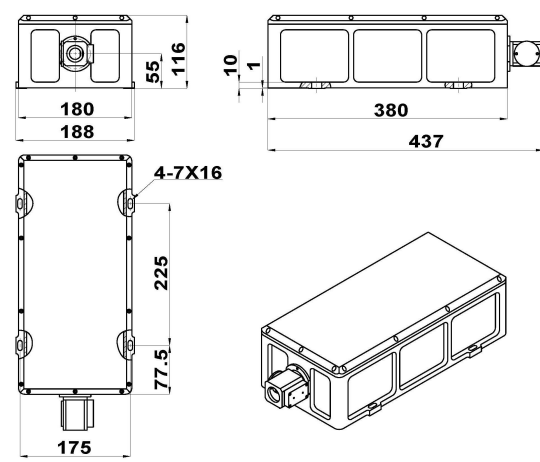
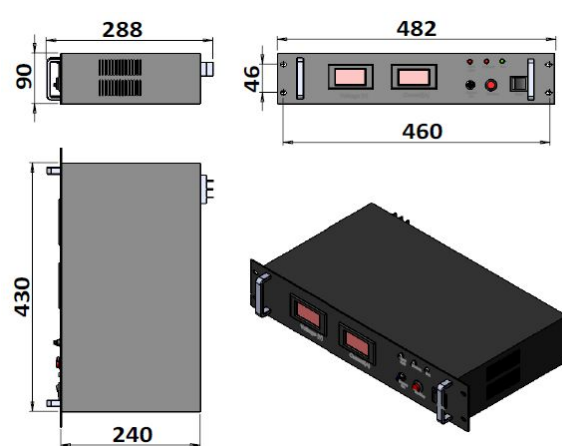
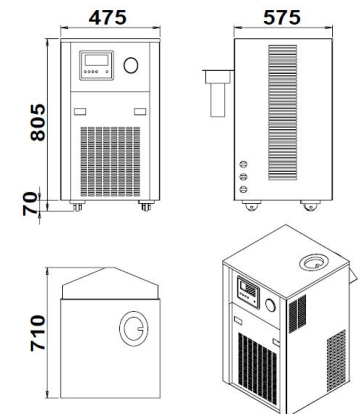
**WATER COOLING LD PUMPED  
ALL-SOLID-STATE CW  
INFRARED LASER at 1319nm**

All solid state CW infrared laser at 1319nm has the features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, military, measurement, spectrum analysis, and so on.



|                                    |                      |      |
|------------------------------------|----------------------|------|
| Wavelength (nm)                    | 1319±1               |      |
| Operating mode                     | CW                   |      |
| Power (W)                          | >100                 | >150 |
| Ave power stability (over 4 hours) | <3% or <5% or 10%    |      |
| Beam divergence, full angle (mrad) | <3.5                 |      |
| Beam diameter at the aperture (mm) | ≥12                  | ≥15  |
| Beam height from base plate (mm)   | 55                   |      |
| Warm-up time (minutes)             | <10                  |      |
| Cooled method                      | Water Cooled         |      |
| Operating temperature (°C)         | 15~35                |      |
| Power supply (220/110VAC)          | PSU-HPL(2U)          |      |
| Expected lifetime (hours)          | 10000                |      |
| Warranty period                    | 1 year               |      |
| Pilot light (optional)             | 5mW @650nm(optional) |      |



| HPL-1319-CW(100~150W)  | PSU-HPL-CW(2U)   | Water Chiller   |
|--|--|---|
|  <p>437 (L) × 188(W) × 116(H) mm<sup>3</sup>, 15kg</p> |  <p>288(L) × 482(W) × 90(H) mm<sup>3</sup>, 5.5kg</p> |  <p>475 (L) × 575(W) × 805(H) mm<sup>3</sup>, 71kg(100W)<br/>505 (L) × 625(W) × 905(H) mm<sup>3</sup>, 95kg(150W)</p> |