

OEM-HD-447/8000-16000mW

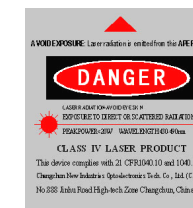
SPECIFICATIONS


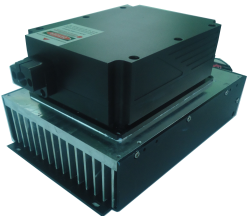




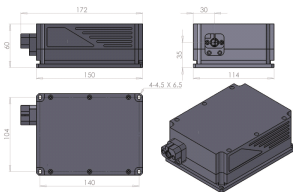
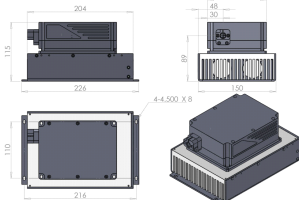

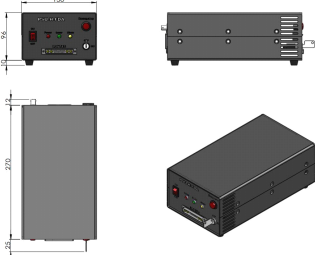
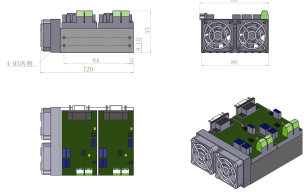
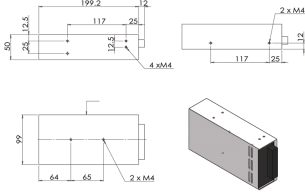
OEM BLUE DIODE LASER
AT 447NM

OEM diode laser 447 nm blue laser is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



| | | |
|---|---|-------------------|
| Model | OEM-HD-447 | |
| Wavelength (nm) | 447±5 | |
| Output power (mW) | >8000, >10000, >12000, >16000 | |
| Operating mode | CW | |
| Power stability (rms, over 4 hours) at 25°C | <1%, <3%, <5% | |
| Warm-up time (minutes) | <5 | |
| Beam divergence, half angle (mrad) | ~2.2×0.2 | |
| Beam diameter at the aperture (mm) | ~5×7 | |
| Polarization direction | Horizontal+ Vertical | |
| Beam height from base plate (mm) | 35(OEM-HD-447) | 89(HD-447-HS) |
| Operating temperature (°C) | 25+/-3 (OEM-HD-447) | 10-35 (HD-447-HS) |
| Power supply | PSU-N-LED/ PSU-N-FDA / PSU-HD-OEM-H | |
| Modulation option | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off | |
| Expected lifetime (hours) | 10000 | |
| Warranty | 1 year | |



| OEM-HD-447 | HD-447-HS | PSU-N-LED | PSU-N-FDA | PSU-HD-OEM-H | Adapter |
|---|---|---|--|--|--|
|  172(L)×114(W)×60(H) mm ³ , 2.8kg |  226(L)×150 (W)×115(H) mm ³ , 4.8kg |  307(L)×150(W)×106 (H) mm ³ , 2.6 kg |  307(L)×150(W)×106 (H) mm ³ , 2.3 kg |  120(L)×88(W)×53(H) mm ³ , 0.60 kg |  211.2(L)×99(W)×50(H) mm ³ |
|  |  |  |  |  |  |