

OEM-D-405/1000-2000mW

### OEM BLUE DIODE LASER AT 405NM

OEM diode laser 405 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.





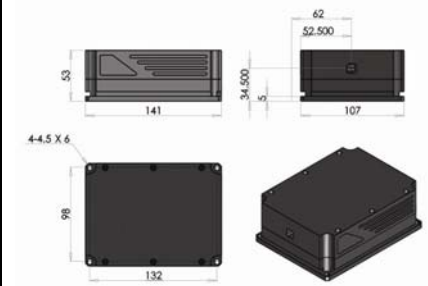
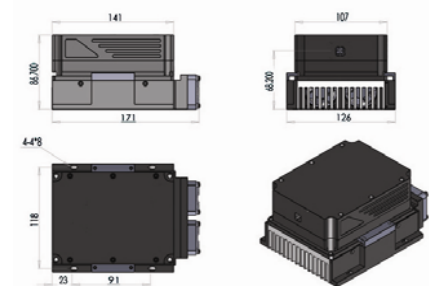
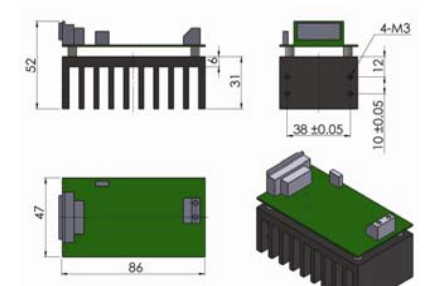
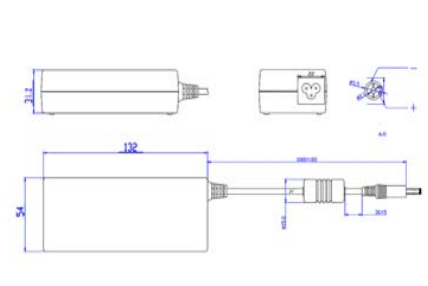


#### SPECIFICATIONS

|                                             |                                                           |                        |
|---------------------------------------------|-----------------------------------------------------------|------------------------|
| Model                                       | OEM-D-405                                                 |                        |
| Wavelength (nm)                             | 405±5                                                     |                        |
| Output power (mW)                           | 1000                                                      | 2000                   |
| Operating mode                              | CW                                                        |                        |
| Power stability (rms, over 4 hours) at 25°C | <1%, <3%, <5%                                             |                        |
| Warm-up time (minutes)                      | <5                                                        |                        |
| Beam divergence, full angle (mrad)          | 0.4×0.3                                                   |                        |
| Beam diameter at the aperture (mm)          | ~4×7                                                      | ~8×3                   |
| Polarization direction                      | Horizontal/ Vertical                                      |                        |
| Beam height from base plate (mm)            | 34.5(without heat sink)                                   | 68.2(with heat sink)   |
| Operating temperature (°C)                  | 25+/-3 (without heat sink)                                | 10-35 (with heat sink) |
| Power supply(90-264VAC or 6V,10V&8A)        | PSU-D-OEM                                                 |                        |
| Expected lifetime (hours)                   | 10000                                                     |                        |
| Modulation option                           | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off |                        |
| Warranty time                               | The warranty is 3 months, excluding the LD failure.       |                        |



Note: The power supply needs to be with the over current protection function.

| OEM-D-405                                                                                                                                                 | D-405-HS                                                                                                                                                  | PSU-D-OEM                                                                                                                             | Accessories                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  <p>141(L)×107(W)×53(H) mm<sup>3</sup>, 0.8kg<br/>Without heat sink</p> |  <p>171(L)×126(W)×86.7(H) mm<sup>3</sup>, 1.5kg<br/>With heat sink</p> |  <p>86(L)×47(W)×52(H) mm<sup>3</sup>, 0.10 kg</p> |  <p>12V7A Adapter</p> |
|                                                                        |                                                                       |                                                  |                      |