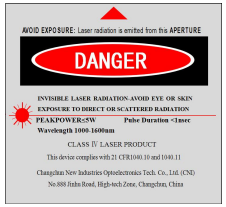
# DPS-355-PS/10~40uJ

## HIGH POWER DIODE PUMPED ALL-SOLID-STATE MODE LOCKED LASER

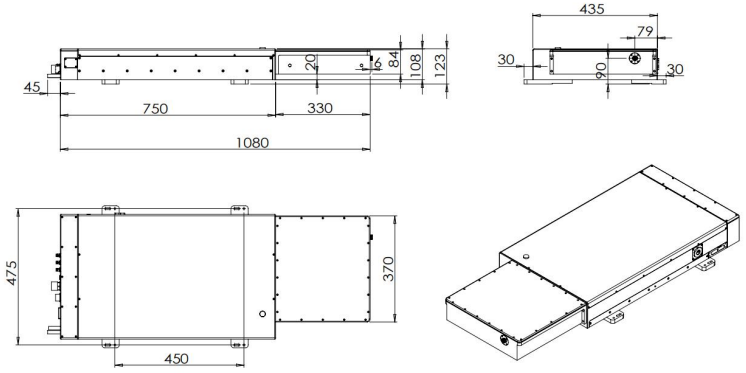
High average power diode pumped all solid state laser at 355nm has the features of short pulse duration, high repetition rate and high average power, which is widely used in laser medical treatment ,industrial processing, physics experiment,scientific research, and so on.

**SPECIFICATIONS**

| | | |
|---|---|---|
| Wavelength (nm) | 355±1 | |
| Operating mode | Pulsed | |
| Output power W) | 3@1MHz | 6@1MHz |
| Output energy (uJ) | 20@200KHz | 40@200KHz |
| Power stability (rms) | <5% | |
| Pulse width (ps) | <15 | |
| $M^2$ factor | ≤1.5 | |
| Pointing stability (urad) | <50 | |
| Elipticity | >85% | |
| Polarization | 100:1 | |
| Beam diameter (mm) | 1.5±0.5 | |
| Beam divergence, full angle (mrad) | ≤3 | |
| Repetition frequency (KHz) | 0~1000 | |
| Control mode | Gate/burst/INT control | |
| Beam height from base plate (mm) | 90 | |
| Cooled method | Water cooled | |
| Warm-up time (minutes) | <15 | |
| Operating temperature (℃) | 15~30 | |
| Relative humidity | <60% | |
| Power supply (AC 220V) | PSU-DPS-PS | |
| Expected lifetime (hours) | 10000 | |
| Warranty | 1 year | |
| Options | Output power 10W and 15W can be customized | |

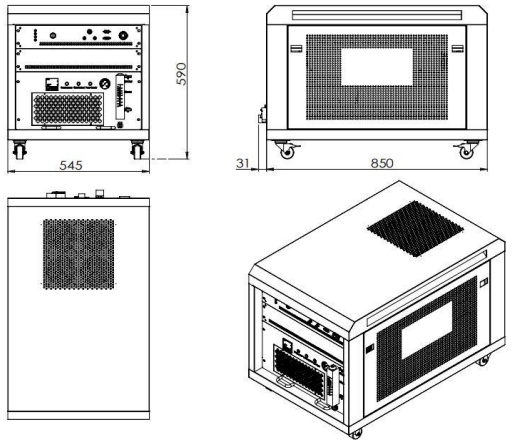



### DPS-355-PS




**1125(L)×495(W) ×108(H) mm³ 60kg**

### PSU-DPS-PS（include water chiller）




**881(L)×545(W) ×590(H) mm³ 105kg**

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