

PS-D-532/1~50W



MODE-LOCKED PICOSECOND PULSED LASER AT 532nm

Picosecond pulsed laser is made features of short pulse duration, good beam quality, which is used in glass marking, sapphire marking, ceramic cutting, semiconductor cutting, solar panels coating, film scribing, etc.

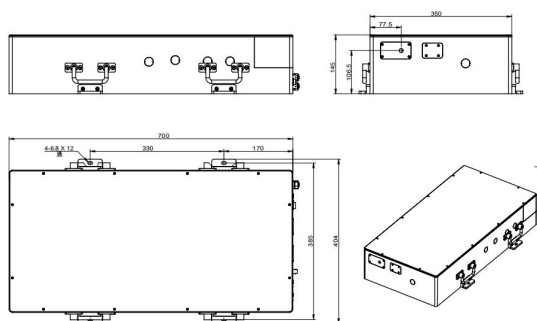


SPECIFICATION

Wavelength (nm)	532±1
Output power (W)	1~50W
Rep.rate(MHz)	400KHz~1MHz On Request
Pulse duration (ps)	~10
Power stability (rms, over 4 hours)	<3%, <1%
Peak-to-Peak stability (rms ,over 4 hours)	<2 %
Transverse mode	TEM ₀₀
Beam Circularity (%)	>90
Beam quality (M ²)	<1.2
Beam divergence, full angle (mrad)	<1
Beam diameter at the at the aperture (1/e ² , mm)	~3
Polarization ratio	>100:1 (Vertical or Horizontal optional)
Beam height from base plate (mm)	106.5
Warm-up time (minutes)	<20
Cooling method	Water Cooled
Operating temperature (℃)	20~30
Power supply	DC 36V/ 40A (optional)

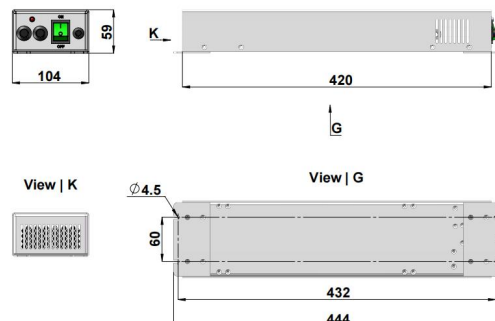


PS-D-532 *Integrated electronics*



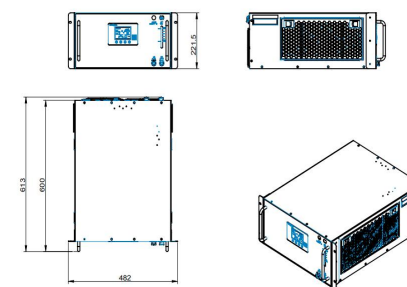
700 (L) × 404 (W) × 145 (H) mm³, 55 kg

Power supply 100-240VAC



DC36V 40A; 444(L) × 104 (W) × 59 (H) mm³, 2 kg

Water Chiller



613(L) × 482 (W) × 221.5(H) mm³, 28 kg

