

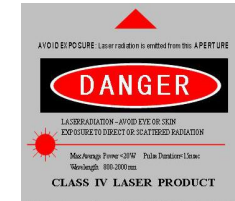
**MARK-OEM-1064/ 300μJ/6000mW**



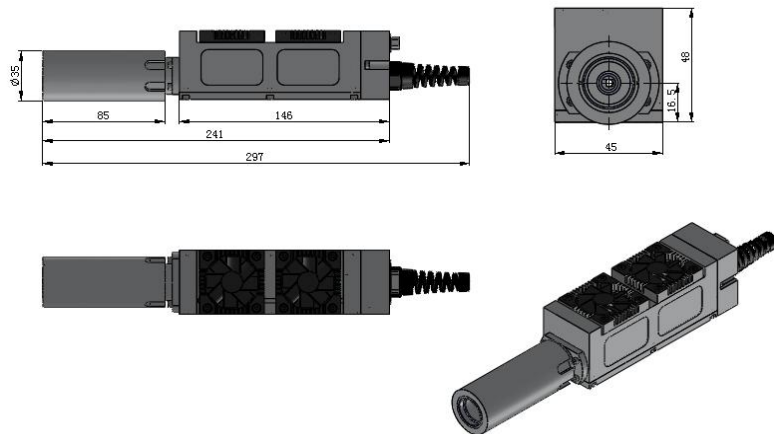
**MARK-OEM 1064nm LASER SOURCE FOR LASER MARKING**

**SPECIFICATIONS**

Wavelength (nm)	1064±1
Operating mode	Passively Q-switched
Average power (mW)	>6000
Single pulse energy (μJ)	~300
Pulse duration (ns)	~6
Peak power (kW)	~50
Rep. rate (kHz)	10~20kHz, Suitable for the applications of needing high peak power.
Power stability (over 8 hours)	<1%, <3%, <5%
Transverse mode	TEM <sub>00</sub>
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~6.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	16.5
Operating temperature (°C)	0~40
Power supply (12VDC)	PSU-FL-FDA ( switching power supply 12V/25A DC, choosed, )
Expected lifetime (hours)	20000
Warranty period	1 year

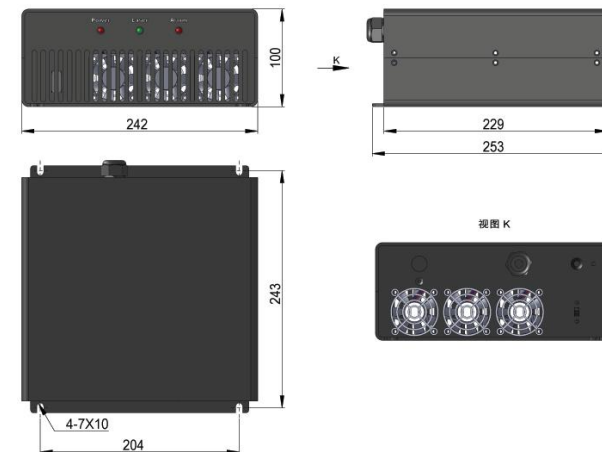


**MARK-OEM-1064 (N)**



297(L)×45(W) ×48(H) mm<sup>3</sup>, 0.7 kg

**PSU-FL-FDA**



253(L) ×242(W) ×100(H) mm<sup>3</sup>, 3.6 kg