

## GREEN DIODE LASER AT 514.5 nm

RN-III-514.5/1~50mW

### 产品描述

Green diode laser module at 514.5nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which may be the replacement for Argon laser and it is widely used in biological, medical, laser pumping, scientific research, etc.

### 产品参数

RN-III-514.5/1~50mW		
Central wavelength (nm)	514.5±1	
Operating mode	CW	
Output power (mW)	>1, 2, 3, ..., 50	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
Beam diameter at the aperture ((1/e <sup>2</sup> ,mm)	~3.0	
Beam divergence, full angle (mrad)	<1.0	
Warm-up time (minutes)	<5	
Pointing stability after warm-up (mrad)		
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply	85-264VAC	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)
	100-240VAC	PSU-A-D (Frequency for 30kHz -100kHz)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	

