

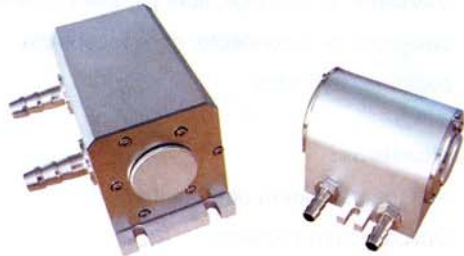
## Diode Pumped Nd:YAG Laser Modules

### Features:

- 25~200W CW of optical deliver power at 1064nm
- Long lifetime pump diodes
- Compact design
- Provide customer designed service for other output powers and QCW output products

### Applications:

- Replacement of less efficient lamp-pumped laser system



### Specifications

	Rod Type	Output Power <sup>5</sup>	Diode Bias Voltage	Drive Current	Package
GCDPM-15-025	3mm, YAG <sup>1</sup>	25W <sup>3</sup>	<6V	29A	DMP-1
GCDPM-15-050	3mm, YAG <sup>1</sup>	50W <sup>3</sup>	<12V	29A	DMP-1
GCDPM-15-075	3mm, YAG <sup>1</sup>	75W <sup>3</sup>	<18V	29A	DMP-1
GCDPM-15-100	4mm, YAG <sup>1</sup>	100W <sup>3</sup>	<24V	29A	DMP-2
GCDPM-15-200	5mm, YAG <sup>2</sup>	200W <sup>4</sup>	<42V	29A	DMP-2

1. Rod length is 65mm with flat/flat and 1.0% Nd doping
2. Rod length is 105mm with flat/flat faces and 1.0% Nd doping
3. 1064nm multi-mode output in a cavity (165±5nm, HR/flat 80%ROC) CW oscillator arrangement at delivery
4. 1064nm multi-mode output in a cavity (185±5nm, HR/flat 80%ROC) CW oscillator arrangement at delivery
5. The rods with 0.6% ~ 1.0% Nd doping are available

### Note:

Recommend using special laser power supply;

Recommended recalculating water-cooling system with 7~12L/min flow rate and 30~50PSI coolant pressure.