

### SPECIFICATIONS

#### Diode Pump Laser Module

##### Features

- ▣ Small size ,compact structure,
- ▣ Water-cooled, easy to use
- ▣ High stability and reliability
- ▣ Proprietary driver for alternative

##### Applications

- ▣ Pump laser for DPSSL
- ▣ Laser marking, laser cutting
- ▣ Laser system for medical
- ▣ Defense



	DPLM-50W	DPLM-75W	DPLM-100W	DPLM-200W	Unit
<b>Optical(Tc=25°C)</b>					
Peak Wave	1064	1064	1064	1064	nm
Output Power	≥50	≥75	≥100	≥200	W
YAG Center Height	40	40	40	0	mm
YAG Size	Φ3*64	Φ3*64	Φ3*64	Φ3*64	mm
YAG Terminal	Flat/AR	Flat/AR	Flat/AR	Flat/AR	
<b>Electrical(Tc=25°C)</b>					
Threshold Current I <sub>th</sub>	≤6	≤7	≤7	≤8	A
Operation Current I <sub>o</sub>	≤23	≤30	≤30	≤30	A
<b>Structural(Tc=25°C)</b>					
Weight	≤1.2	≤1.3	≤1.4	≤2	Kg
<b>Absolute Maximum Ratings</b>					
Operation Temp. To	10-30	10-30	10-30	10-30	°C
Storage Temp. Tstg	-20-70	-20-70	-20-70	-20-70	°C
Cooling Syle	Deionized Water	Deionized Wate	Deionized Wate	Deionized Wate	
Cooling Water Temp	20-25	20-25	20-25	20-25	°C
Cooling Water Flow	4.5	4.5	4.5	4.5	L/min