

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
Optical(Tc=25℃)					
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	
Electrical(Tc=25℃)					
Threshold Current I _{th}	≤6	≤7	≤7	≤8	A
Operation Current I _o	≤23	≤30	≤30	≤30	A
Structural(Tc=25℃)					
Weight	≤1.2	≤1.3	≤1.4	≤2	Kg
Absolute Maximum Ratings					
Operation Temp. To	10-30	10-30	10-30	10-30	℃
Storage Temp. Tstg	-20-70	-20-70	-20-70	-20-70	℃
Cooling Syle	Deionized Water	Deionized Wate	Deionized Wate	Deionized Wate	
Cooling Water Temp	20-25	20-25	20-25	20-25	℃
Cooling Water Flow	4.5	4.5	4.5	4.5	L/min