










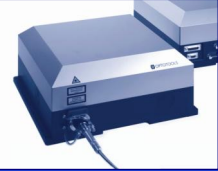











Diode Laser Drivers

Recommendation list for high power diode lasers from Optotools GmbH

Modell	Max. optical power	Mode	Max. oper. current SOL	Max. oper. current EOL	Max. oper. voltage	Power Supply recommendation *		I _{max}	U _{max}	Datasheet		Cooling *	
						Benchtop / rack mount	OEM						
	OTF 120	120 W	CW	70 A	84 A	8 V	SM15-100	LDY-1000-84-9	100 A / 84 A	15 V / 9 V			Water
	OTF 240	240 W	CW	70 A	84 A	15 V	SM15-100	LDY-1500-84-17	100 A / 84 A	17 V			Water
	OTF 200	200 W	CW	70 A	84 A	11 V	SM15-100	LDY-1000-84-12	100 A / 84 A	15 V / 12 V			Water
	OTF 400	400 W	CW	70 A	84 A	22 V	SM30-100	2x LDY-1000-42-24	100 A / 84 A	30 V / 24 V			Water
	OTF 300	300 W	CW	70 A	84 A	15 V	SM15-100	LDY-1500-84-17	100 A / 84 A	17 V			Water
	OTF 600	600 W	CW	70 A	84 A	30 V	SM30-100	LDD-3000-84-32	100 A / 84 A	32 V			Water
	OTF 500	500 W	CW	122 A	146 A	15 V	SM15-200	LDD-3000-146-17	200 A / 146 A	17 V			Water
	OTF 1000	1000 W	CW	122 A	146 A	30 V	SM30-200	2x LDD-3000-73-32	200 A / 146 A	32 V			Water

* For extra fast rise-/fall times also available with high-speed  programming option

** Cooling of laser diodes; power supplies are air cooled

-> Please contact our product management for further details

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