



## ROF-LDDR laser diode driver

The laser diode driver is mainly used for the stable driving and driving adjustment of semiconductor lasers, the detection, sorting, aging test, performance evaluation, quality control, and other links in the R & D or production process of semiconductor lasers. It has a stable output current, precise temperature control, comprehensive safety protection, intuitive and straightforward operation, low cost, etc.



### Product characteristics

- Output high stable driving current
- Precise temperature control
- Safe start and multiple protection
- Easy to use values

### Application field

- Semiconductor laser driver for laboratory
- Automatic detection and data recording for large-scale production



Performance parameter:

Series	Parameters	Index
Channels	1-16 channels option	
LD Driver power	Output current range	0-200mA/500mA/1000mA(option)
	Temperature coefficient of output current	$\leq 80\text{ppm}/^{\circ}\text{C}$
	Output current time stability (1 hour)	$\leq 100\text{ppm}$
	Output current time stability (24 hours)	$\leq 400\text{ppm}$
TEC Temperature Control	TECcurrent	$\pm 1.5\text{A}$ (max)
	Temperature control coefficient	$\leq 0.001^{\circ}\text{C}/^{\circ}\text{C}$
	Temperature control time stability (1 hour)	$\leq 0.002^{\circ}\text{C}$
	Temperature control time stability (24 hours)	$\leq 0.006^{\circ}\text{C}$
currency parameter	Laser protection	Slow start function, current limiting function, over temperature protection function, current surge suppression function, real-time detection and processing of abnormal conditions
	supply voltage	200V~240V AC
	Output interface	DB-15 Socket
	size (mm)	150x70x240(length x Height x depth)
	working temperature	5~40 $^{\circ}\text{C}$
	Working humidity	R.H. 15~80%
	Storage temperature	-15~45 $^{\circ}\text{C}$