

Butterfly Laser Driver ORLD Series

This product is designed for butterfly-packaged semiconductor devices (butterfly lasers, SOAs, single-mode pump lasers). It integrates laser diode drive and TEC control, supporting constant-current drive and precise temperature control. Featuring high current accuracy, good constant-current performance, temperature stability and strong anti-interference ability, it also provides over-current, over-voltage and over-temperature protection, ideal for laboratories and research institutes.



★Performance Features

- Equipped with a standard butterfly fixture for easy replacement of different laser models.
- Over-current, over-voltage, slow current rise and slow current drop protection.
- 4.3-inch HD touch screen with simple and elegant interface.
- Supports host computer software and serial communication for convenient parameter setting.

★Technical Parameters

Parameter	Unit	LL-ORLD-1200	LL-ORLD-1500
Output Current Range	mA	0~1200	0~1500
Current Setting Resolution	mA	1	
Maximum Current Range	mA	10~1200	10~1500
Output Voltage	V	>3(Auto-adaptive)	
Temperature Control Accuracy	°C	<0.05	
Temperature Resolution	°C	0.1	
Maximum Cooling Voltage	V	>4	
Maximum Cooling Current	A	±3	
Input Voltage	V	DC5V	
Maximum Power Consumption	W	15	
Operating Temperature	°C	-10~45	
Storage Temperature	°C	-20~70	
LCD Display	inch	4.3	