

## Key Features

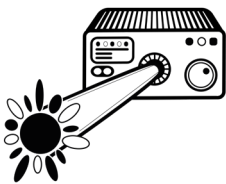
- Turnkey device
- RS232 computer interface
- High output power
- Single mode fiber delivery
- Highly reliability and durable

## Description

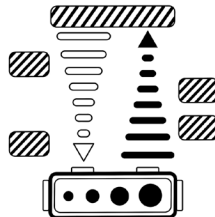
Amonics offers Pulse Laser at 1064nm with high pulse peak power. The laser features tunable pulse width from 10ns to 1us and no short pulse driving source is required. It is ideal for applications demanding laser emission with high pulse peak power.

The turnkey microprocessor controlled Pulse Laser comes in both benchtop and rackmount casings. It is equipped with alarms and status indicators. An integrated RS232 computer interface provides easy control, diagnostic functions and data acquisition. Available options include single frequency operation and linearly polarized operation.

## Application



- Medical Systems
- Industrial Laser



- Fiber Optic Sensing



- Laboratory
- SHG Application

Benchtop Casing



1U Rackmount Casing



1060nm - Pulsed



ISO 9001 : 2015  
Certificate No.: CC 5346

Our product is manufactured under a HKQAA ISO 9001 certified quality management system. The ISO 9001:2015 certification applies to the Hong Kong production site only.

## Specifications

Model	APLS-1064-01
Pulse Peak Power	Min. 700 mW, Typ. 1 W
Center Wavelength	1064 nm
Pulse Width	5 ns to 100 ns (duty cycle < 2 %, repetition rate < 500 kHz)
On/Off Extinction ratio	Min. 25 dB
Trigger voltage	TTL (standard)

\* Other wavelength or output power models are available upon request

## General Parameters

	Value
Operation Temperature	0 to 40 °C
Storage Temperature	-10 to 70 °C
Power Supply	90 – 240 VAC, 47 – 63 Hz
Benchtop Dimensions	260(W) x 330(D) x 120(H) mm
1U Rackmount Dimensions	485(W) x 360(D) x 45(H) mm
Mechanical Safety Control	Key-lock switch, BNC interlock key
Optical Power Monitoring	Output power
Remote Control Port	DB-9 female (RS232), Control software included RJ-45 (TCP/IP Ethernet) (optional)
RF Port	SMA or BNC
Protection	Pump laser (TEC) overheat
Optical Connector	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	HI 1060 / PM 980

## Ordering Information

Product Code	APLS-aaaa-bb-c-dd	aaaa : Wavelength in nm bb : Output power in W c : B for Benchtop, R for 19" Rackmount dd : FA for FC/APC, FC for FC/UPC, SA for SC/APC, SC for SC/UPC
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Amonics undertakes continuous and intensive product development to ensure its product performance at the highest technical standards. As a result, the specifications in this document are subject to change without notice.

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