## Sol

## Compact Q-Switched DPSS Laser





## **Features**

Up to 60W @ 1064nm

Up to 30W @ 532nm

Compact Air-cooled Single Unit

Up to 200 kHz repetition rate

Electronic pulse energy modulation

Sealed and rugged

Monolithic design

24 V DC

RS232 monitor port

## **Applications**

**Material Processing** 

Marking

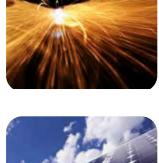
Scribing

Thin film removal

Micro-machining

Nonlinear optics

Medical and Aesthetic



ATTONAL IDENTITY CARD







# Sol Compact Q-Switched DPSS Laser

Average Max Power	Sol models									
	Sol 1064nm DPSS					Sol 532nm DPSS				Sol 355nm DPSS
	6W	10W	20W	30W	40W	3W	5W	10W	15W	4W
Q-Switch Rep. rate	10 to 100 kHz (optional: Single Shot to 200 kHz)					10 to 100 kHz (optional: Single Shot to 200 kHz)				30 to 100 kHz
CW operating mode	YES					NO				NO
Pulsewidth	6 to 80 ns					6 to 60 ns			10 to 35 ns	
Beam diameter	< 8 mm (integrated beam expander)					< 6 mm (integrated beam expander)			< 1 mm (optional: external beam expander)	
Cooling	Air-cooling (optional: water cooling, contact cooling)									Air-cooling
DC IN Voltage	24 V									Dual DC IN 15 V - 12 V
Operating temperature	15	i to 40 °C		15 to 35	5°℃	15 to	40 °C			15 to 35 ℃
Mechanical dimensions	23 x 10 x 9 cm³ (9 x 4 x 4 in³)									
Weight	4,5 kg (10 lbs)									

### **OPTIONS AVAILABLE:**

Beam expanding and collimating optics Fiber Coupling Red aiming beam Extended operating temperature range Extended frequency range Pulsewidth modulation Circular Polarization Monitoring Photodiode Remote Control Box and Software Interface AC-DC Power Supply