

## 小型半导体/固体激光器---高功率激光器

### 指标参数

Luce Models	Luce DPSS 1064nm		Luce DPSS 532nm
Average output power	5W-10W-20W	30W-40W	2W-6W
Q-Switch Repetition Rate	10 to 100kHz (option:single shot to 200 kHz)		
CW Operating Mode	yes		no
Pulsewidth	4 to 40 ns		
Beam Diameter	<8 mm (option:customized internal or external BEX)		
Cooling	Air-cooled with thermostatic fan		
DC Voltage IN	24 V	Dual 6.6/15V	24 V
Laser head dimensions	14 x 8 x 6 cm <sup>3</sup> (5 x 3 x 2 in <sup>3</sup> )	21 x 10 x 6 cm <sup>3</sup> (8 x 4 x 2 in <sup>3</sup> )	27 x 8 x 6 cm <sup>3</sup> (11 x 3 x 2 in <sup>3</sup> )
Pumping unit dimensions	26 x 22 x 8 cm <sup>3</sup> (10 x 9 x 3 in <sup>3</sup> )	26 x 25 x 8 cm <sup>3</sup> (10 x 9 x 3 in <sup>3</sup> )	26 x 22 x 8 cm <sup>3</sup> (10 x 9 x 3 in <sup>3</sup> )
Pumping unit weight	<8 kg(<17 lbs)	<10 kg(<22 lbs)	<8 kg(<17 lbs)
Laser head Weight	<2 kg(<5 lbs)	<4 kg(<9 lbs)	<3 kg(<7 lbs)

### 紧凑型Q开关全固态泵浦激光器



#### 特点：

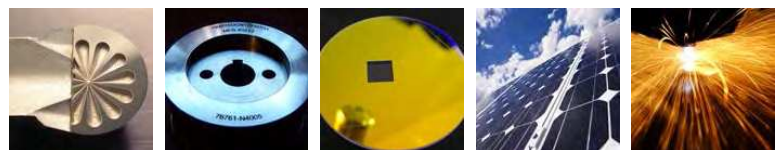
- 高达40 W@1064 nm;10 W@532 nm
- 峰值功率300 KW
- 重复频率高达200 kHz
- 电子脉冲能量调制
- 坚实紧凑密封设计
- RS232监视端口

#### 应用：

- 材料精细加工
- 标记
- 划片
- 薄膜去除
- 非线性光谱学

#### 可选项：

- Beam expanding and collimating optics
- Red aiming beam
- Mechanical shutter
- Extended frequency range
- Pulsewidth modulation
- Circular Polarization
- Monitoring Photodiode
- AC-DC Power Supply



### 指标参数

Sol Models	Sol DPSS 1064 nm					Sol DPSS 532 nm		
Average output power	6W	10 W	20 W	30 W	40 W	3 W	5 W	10 W
Q-Switch Repetition Rate	10 to 100 kHz(option:single shot to 200 kHz)							
CW Operating Mode	yes					no		
Pulsewidth	6 to 80 ns							
Beam Diameter	<8 mm (option:customized internal or external BEX)							
Cooling	Air-cooled with thermostatic fan(option;water cooling,contact cooling)							
Operating temperature	15 to 40 °C				15 to 35 °C			
DC Voltage IN	24 V							
Mechanical dimensions	23 x 10 x 9 cm <sup>3</sup> (9 x 4 x 4 in <sup>3</sup> )							
Weight	<4.5 kg(<10 lbs)							