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**DPSS Lasers, Inc. Series 3500 UV Laser Systems**  
DPSS Lasers, Inc. Series 3500

**Laser Innovations** offers sales, service and support for your DPSS Lasers, Inc Laser System. We service their 355nm UV Series 3500 Laser Systems.

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**Specifications:**

**DPSS LASERS, INC. SERIES 3500 LASER**

	<b>3501-100</b>	<b>3505-100</b>	<b>3510-30</b>	<b>3510-50</b>	<b>3510-100</b>
Wavelength	354.7 nm				
Output Power, average	> 100 mW	> 350 mW	> 700 mW		
Output Power Stability	< 5%				

**Pulse**

Repetition Rate	100 kHz	30 kHz	50 kHz	100 kHz
Pulse Length	< 65 ns	< 30 ns	< 35 ns	< 70 ns
Pulse-to-Pulse Energy Stability	< 10%			
Pulse Energy	1 µJ	5 µJ	33 µJ	20 µJ

**Beam**

Divergence, Full Angle	< 0.6 mrad
Spatial Mode	TEM <sub>00</sub> (M <sup>2</sup> < 1.2)
Pointing Stability (@ constant temp)	< 50 µrad
Polarization Ratio	> 100:1 Vertical, Linear
Beam Diameter (1/e <sup>2</sup> ) @ exit	1.1 mm

**Operating Conditions**

Ambient Temperature During operation (non-condensing)	+10°C to +30°C
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**Electrical**

Voltage	90 to 240 VAC
Power Consumption	500 W

**Mechanical**

Weight	
Laser Head	30 lb (13.6 kg)
Power Supply	11 lb (5 kg)
Cooling System	20 lb (9.1 kg)
Dimensions, (LxWxH)	(Approximate for shipping)
Laser Head	20 x 8 x 18 in (51 x 20 x 17 cm)
Power Supply	13 x 14 x 6 in (31 x 35 x 14 cm)

Cooling System

12 x 10 x 16 in  
(29 x 23 x 39 cm)

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*Specifications are for reference only and do not constitute warranty specifications on serviced lasers by Laser Innovations.*

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