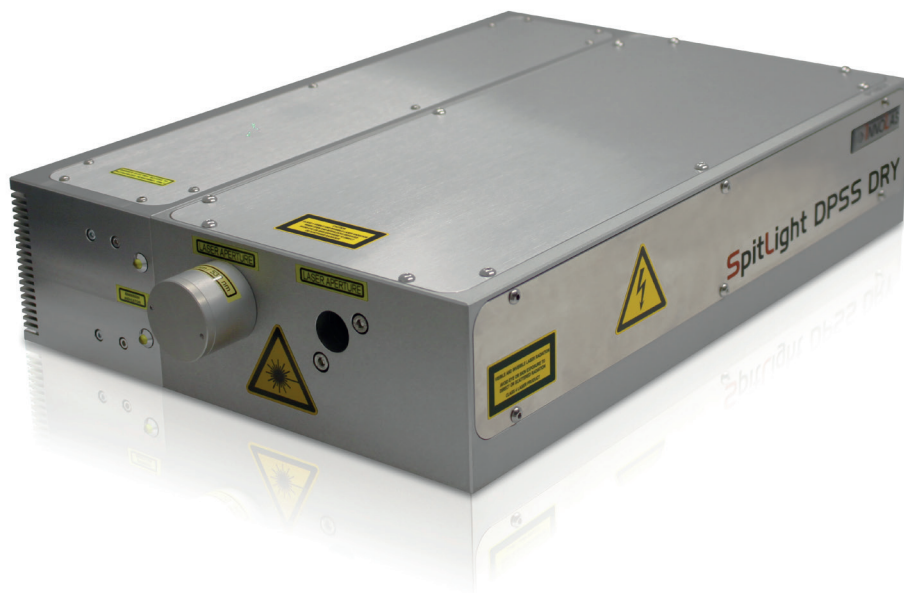


Spitlight DPSS DRY



Features

- * No internal/external water cooling
- * All-in-one: Integrated power supply
- * Low voltage supply input
- * Wide temperature range
- * Robust and stable monolithic design
- * Easy to integrate

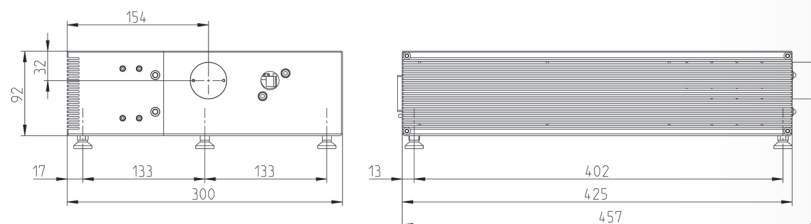
Spitlight DPSS DRY

Model	DPSS DRY S	DPSS DRY I	DPSS DRY II
Repetition rate	The following specifications are for 10 Hz		
Pulse Energy [mJ]			
Pulse Energy @ 1064 nm	> 10 mJ	> 80 mJ	> 150 mJ
Pulse Energy @ 532 nm	> 5 mJ	> 40 mJ	> 80 mJ
Pulse Energy @ 355 nm	> 2.5 mJ	> 20 mJ	> 50 mJ
Energy Stability @ 1064 nm (RMS)	< 1.0%	< 0.3%	< 0.3%
Energy Stability @ 532 nm (RMS)	< 1.5%	< 1.0%	< 0.8%
Energy Stability @ 355 nm (RMS)	< 2.5%	< 2.0%	< 1.5%
Beam Parameters			
Beam Diameter @ 1064 nm	1.0 mm	4.0 mm	5.5 mm
Divergence	< 0.5 mrad	< 0.5 mrad	< 0.5 mrad
Pointing Stability	< ± 30 µrad	< ± 20 µrad	< ± 20 µrad
M ²	< 1.5	< 2	< 2
Pulse Duration @ 1064 nm	6-10 ns	6-10 ns	6-10 ns
Temporal Jitter	1 ns	1 ns	1 ns
Operating Parameters			
Warranted Diode Lifetime	2 years / 2 x 10 ⁹ shots*	2 years / 2 x 10 ⁹ shots*	2 years / 2 x 10 ⁹ shots*
Cooling System	Integrated peltier / air	Integrated peltier / air	Integrated peltier / air
Electrical Supply	208-240 VAC, 50/60 Hz, max 400 W	Integrated (20-36 V / max. 400 W)	Integrated (20-36 V / max. 400 W)

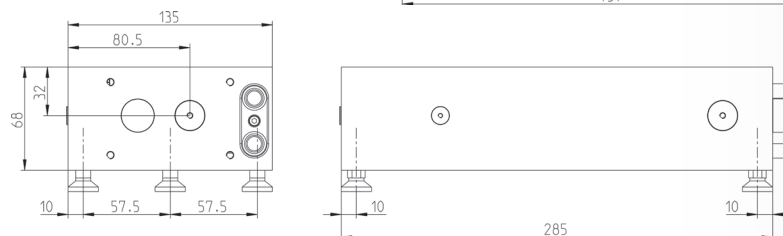
Weights and Dimensions

Dimensions Laser Head (L x W x H)	285 x 135 x 68 mm (incl. two harmonics)	425 x 300 x 92 mm	425 x 300 x 92 mm
Weight Laser Head	7 kg	19 kg	19 kg
Size Power Supply	19", 1 RU	Integrated in laser head	Integrated in laser head

Drawing DRY I/II



Drawing DRY S



InnoLas follows a policy of continuous product improvement. All specifications are subject to change without notice.

* 2 years after installation or 2 billion (2 x 10⁹) shots – whichever comes first

InnoLas Laser GmbH is DIN EN ISO 9001 certified.



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