



LASER DRIVE

Laser Drive, Inc.
5318 Ranalli Drive
Gibsonia, Pa
15044
USA

Phone: (724) 443-7688
Fax: (724) 444-6430
www.laserdrive.com

Electrical Specification

Model 121T

95-414 REV 0A

PARAMETER	MIN.	TYP.	MAX.	UNITS
Input Voltage <i>OPTION 1</i> <i>OPTION 2</i> <i>OPTION 3</i>	 10 14 20	 12 15 24	 14 16 28	VDC
Input Current @ 10 VDC Input 2450 VDC/6.5 mA Output			2.12	ADC
Starting Voltage	8		10	kV DC
Output Voltage* <i>RANGE 1</i> <i>RANGE 2</i> <i>RANGE 3</i>	 1050 1400 1850	 1250 1600 2150	 1450 1800 2450	VDC
Output Current* <i>RANGE 1</i> <i>RANGE 2</i> <i>RANGE 3</i>	 3.0 4.0 5.0		 4.5 5.5 6.5	mA DC
Output Current Ripple			0.2	% PK-PK
Efficiency		75		%
Operating Temperature	-20		+55	°C
Storage Temperature	-20		+60	°C
<p>Options: : (TTL) Enable The (TTL) enable should be connected to the ground-allowing unit to start laser. (Open Collector TTL). When not connected the unit will be disabled and the laser will be off.</p> <p>(CDRH) Delay of 3 to 7 seconds from when power is applied to the power supply until the laser tube fires.</p>				

* Additional voltages and currents are available. Call for information.

