



LASER DRIVE

Laser Drive, Inc.
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Electrical Specification

Model 106T
95-XXX REV XX

PARAMETER	MIN.	TYP.	MAX.	UNITS
Input Voltage <i>OPTION 1</i> <i>OPTION 2</i>	4.1 9	4.8 12	5.7 14	VDC
Input Current @ 4.1 VDC Input 1800 VDC/5 mA Output			2.92	ADC
Starting Voltage	7.7	8	9.8	kV DC
Output Voltage* <i>RANGE 1</i> <i>RANGE 2</i>	1100 1400	1250 1600	1400 1800	VDC
Output Current* <i>RANGE 1</i> <i>RANGE 2</i>	3.35 4.00		3.50 5.00	mA DC
Output Current Ripple			10	% PK-PK
Efficiency		75		%
Operating Temperature	-20		+55	°C
Storage Temperature	-20		+60	°C
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.				

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

