



LASER DRIVE

Laser Drive, Inc.
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Electrical Specification

Model 180T

95-422 REV 00

PARAMETER	MIN.	TYP.	MAX.	UNITS
Input Voltage <i>OPTION 1</i> <i>OPTION 2</i>	10 20	12 24	14 28	VDC
Input Current <i>RANGE 1</i> <i>RANGE 2</i>	2.00 0.90		2.30 1.20	ADC
Starting Voltage	10	12	14	kV DC
Output Voltage* <i>RANGE 1</i> <i>RANGE 2</i>	2300 2500	2600 2800	2900 3100	VDC
Output Current* <i>RANGE 1</i> <i>RANGE 2</i>	5.0 8.0		7.0 10.0	mA DC
Output Current Ripple			2	% PK-PK
Efficiency	75			%
Operating Temperature	-10		+50	°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.