



# LASER DRIVE

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## Electrical Specification

**Model 102T**  
95-XXX REV XX

PARAMETER	MIN.	TYP.	MAX.	UNITS
<b>Input Voltage</b>  <i>OPTION 1</i> <i>OPTION 2</i> <i>OPTION 3</i>	  10 20 24	  12 24 28	  14 28 32	VDC
<b>Input Current</b> @ 10 VDC Input 1900 VDC/5.5 mA Output			1.4	ADC
Starting Voltage	8	9	10	kV DC
<b>Output Voltage*</b>  <i>RANGE 1</i> <i>RANGE 2</i>	 1100 1500	 1250 1750	 1500 1900	VDC
<b>Output Current*</b>  <i>RANGE 1</i> <i>RANGE 2</i>	 3.0 4.0		 4.5 5.5	mA DC
Output Current Ripple			10	% PK-PK
Efficiency		75		%
Operating Temperature	-20		+55	°C
Storage Temperature	-20		+60	°C
<b>Options: : (TTL) Enable</b> 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. (CDRH) Delay of 3 to 7 seconds from when power is applied to the power supply until the laser tube fires.				

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