



# LASER DRIVE

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## Electrical Specification

**Model 324T**  
95-XXX REV XX

PARAMETER	MIN.	TYP.	MAX.	UNITS
<b>Input Voltage</b>  <i>OPTION 1</i> <i>OPTION 2</i>	  <b>90/120</b> <b>100/200</b>	  <b>100/200</b> <b>115/230</b>	  <b>110/220</b> <b>130/260</b>	  <b>VDC</b>
<b>Input Current</b> @ 90 VDC Input 2800 VDC/7.2 mA Output			<b>.298</b>	<b>ADC</b>
<b>Starting Voltage</b>		<b>10</b>		<b>kV DC</b>
<b>Output Voltage*</b>  <i>RANGE 1</i> <i>RANGE 2</i> <i>RANGE 3</i> <i>RANGE 4</i>	  <b>1100</b> <b>1500</b> <b>1850</b> <b>2500</b>		  <b>1500</b> <b>1800</b> <b>2450</b> <b>2800</b>	  <b>VDC</b>
<b>Output Current*</b>  <i>RANGE 1</i> <i>RANGE 2</i> <i>RANGE 3</i> <i>RANGE 4</i>	  <b>3.0</b> <b>4.0</b> <b>6.0</b> <b>6.8</b>		  <b>4.5</b> <b>5.5</b> <b>6.5</b> <b>7.2</b>	  <b>mA DC</b>
<b>Output Current Ripple</b>			<b>2</b>	<b>% PK-PK</b>
<b>Efficiency</b>		<b>75</b>		<b>%</b>
<b>Operating Temperature</b>	<b>-20</b>		<b>+55</b>	<b>°C</b>
<b>Storage Temperature</b>	<b>-20</b>		<b>+60</b>	<b>°C</b>
<b>Options: :</b>  (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.