



LASER DRIVE

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Electrical Specification

Model 314T

95-413 REV 0A

PARAMETER	MIN.	TYP.	MAX.	UNITS
Input Voltage <i>OPTION 1</i> <i>OPTION 2</i>	 90/120 100/200	 100/200 115/230	 110/220 130/260	VDC
Input Current @ 100 VDC Input 2800 VCD/10 mA Output			.298	ADC
Starting Voltage	8		10	kV DC
Output Voltage* <i>RANGE 1</i> <i>RANGE 2</i> <i>RANGE 3</i> <i>RANGE 4</i>	 1100 1500 1800 2500		 1500 1800 2450 2800	VDC
Output Current* <i>RANGE 1</i> <i>RANGE 2</i> <i>RANGE 3</i> <i>RANGE 4</i>	 3.0 4.0 6.0 6.8		 4.5 5.5 6.5 7.2	mA DC
Output Current Ripple			2	% PK-PK
Efficiency		75		%
Operating Temperature	-20		+55	°C
Storage Temperature	-20		+60	°C
Options: (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.