



方全有限公司
Rapitech Enterprise Co., Ltd.

氦氖雷射 Helium-Neon Laser



氦氖雷射電源供應器

Power Supply Options for Helium - Neon Lasers

Key Features

- Highly regulated, constant-current output
- Complete fault protection
- Exceptional direct current (DC) stability
- Typical conversion efficiency >85%
- Compact, rugged packaging
- Exceptional lifetime



Applications

- For use with JDSU helium-neon laser heads and tubes

Power Supply Module Input Wiring Information

Wire Color	115/230 V AC Versions		100/200 V AC Versions		12 V DC Versions
	115 V AC	230 V AC	100 V AC	200 V AC	
Blue	Open circuit	230 V AC (neutral)	-	-	-
Brown	115 V AC (line)	230 V AC (line)	-	-	-
White	115 V AC (neutral)	Open circuit	-	-	-
Green/Yellow	Earth ground	Earth ground	Earth ground	Earth ground	-
Violet	CDRH loop	CDRH loop	CDRH loop	CDRH loop	CDRH loop
Red	-	-	100 V AC (line)	200 V AC (line)	-
Red	-	-	NC	200 V AC (neutral)	12 V DC
Yellow	-	-	100 V AC (neutral)	N/C	-
Black	-	-	-	-	Ground

* Other power supply solutions may be available for OEM applications. Contact your local JDSU sales representative for more information. Model 1200 series lab style power supplies include emission indicator, key switch, keys, fusing, and detachable line cord. All 100 and 300 series power supply modules require appropriate fusing. Laser power supplies generate dangerous voltages and must be configured properly for safe operation. All power supplies carry a minimum of TÜV EN 60-950, UL1950, and CUL approvals. All products shipped standard with 12-inch high voltage cable, 12-inch input leads, and flying leads on inputs.

100 and 300 Series Power Supply Modules for Red HeNe Lasers

Model #	Input	For Operation of Laser Tubes and Heads																
		098-(0,2)	098-3	1001/3	1007/8	1018	1022	1025	1037	102-(3,4)	196-(2,4)	1101/3	1107/8	1122	1125	1135	1137	1144/45
101T-1250 DC	x				x								x					
101T-1700 DC		x	x			x				x	x	x						
101T-1800 DC							x							x				
101T-2300 DC								x	x						x		x	
314T-1250 AC	x				x								x					
314T-1700 AC		x	x			x				x	x	x						
314T-1800 AC							x							x				
314T-2300 AC								x	x						x		x	
380T-3100 AC																	x	
380T-3800 AC																		x

1200 Series CDRH Laboratory Power Supplies for Red HeNe Lasers

Model #	Input	For Operation of Laser Heads								
		102-(3,4)	196-(2,4)	1101/3	1107/8	1122	1125	1135	1137	1144/45
1201-(1,2,3) AC	x	x	x	x						
1202-(1,2,3) AC							x		x	
1205-(1,2,3) AC					x					
1206-(1,2,3) AC						x				
1216-(1,2,3) AC								x		
1218-(1,2,3) AC										x

Input Voltage Options

Models 314T and 380T power supplies are provided with a 115 / 230 V AC input. For 100/200 V AC versions, add "100 V" to the end of the part number when ordering.

All DC power supplies are provided with a 12 V DC input.

For 1200 series laboratory supplies, specify the desired input voltage by adding the appropriate dash number to the model number when ordering:

'-1' for 115 V AC

'-2' for 230 V AC

'-3' for 100 V AC