

D2-005 Power Supply

The D2-005 power supply is a quiet, linear power supply providing $\pm 15\text{V}$ and 5V . It is in a separate box to isolate 60 Hz and EM interference. One power supply can power two complete laser systems or four electronics modules. The linear design eliminates noise around 100–200 kHz seen in switching power supplies.

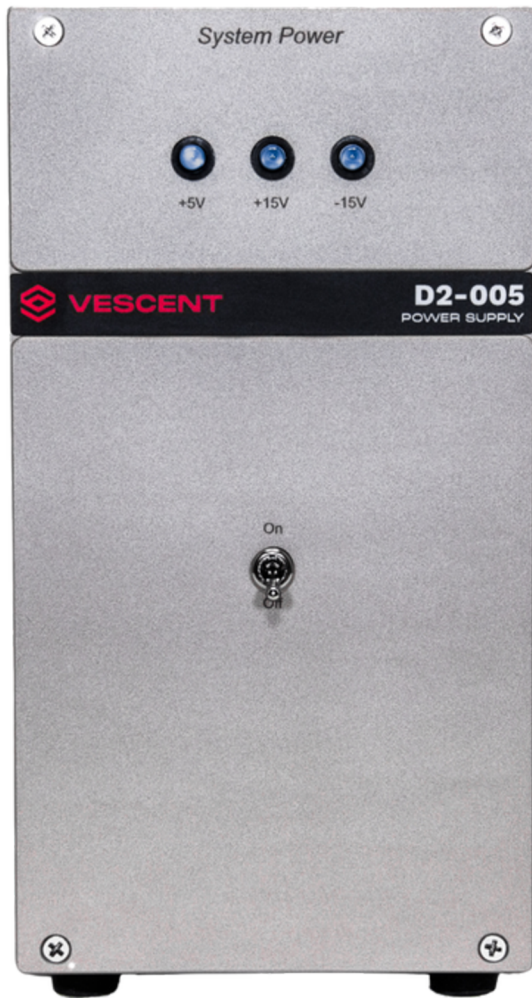


D2-005 Power Supply



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D2-005 Power Supply



D2-005 Front Panel



D2-005 Back Panel

Features

- Low noise
- Provides $\pm 15\text{V}$ and 5V
- D2 series power supply
- AC input voltages of 100, 120, or 230 V



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D2-005 Specifications

Parameter	Value
Performance	
Power Supply Type	Linear
Voltage Output	+5 VDC at 6A +15 VDC at 1.5A -15 VDC at 1.5A
Power Output Ports	2 DB-9 Ports
Power Output	75 W
Voltage Input	100 VAC, 120 VAC, or 220-240 VAC
Efficiency	45%
Line Regulation	$\sim \pm 0.05\%$
Load Regulation	$\sim \pm 0.05\%$
Environmental	
Operating Temperature	$>15\text{ }^{\circ}\text{C}$ and $<30\text{ }^{\circ}\text{C}$
Humidity	$<60\%$
Dew Point	$<15\text{ }^{\circ}\text{C}$