

SLICE-DCC Performance Specifications

Performance					Units
Channels	2				
Operation Modes	Constant Current or Constant Power				
Current Maximum ¹	200	500	1,000	2,000	mA
Noise ²	Typical	1.5	4	6.6	μA
	Maximum ³	2.5	5.5	9	
Current Set Point Resolution	0.01	0.02	0.05	0.1	mA
Max Compliance Voltage ⁴	12				V
Constant Current Mode					
Modulation Bandwidth	>1				MHz
Current Accuracy	100				μA
Drift	<25				μA/°C
Constant Power Mode					
Power Fluctuations ⁵	0.1				%, rms
Input	±5 mA photodiode signal				
Transimpedance Amp	Integrated				
Interface					
Control	Front-panel touch screen, PC-based GUI, API				
Connections	Host control: USB Type B				
Power Input	100 - 240 VAC; 50, 60 Hz				
Physical					
Dimensions ⁶	11.6 x 8.7 x 4.0 (depth x width x height)				Inches

All specifications subject to change without notice.

¹Depends on model choice

²RMS integrated over 100 Hz to 1 MHz

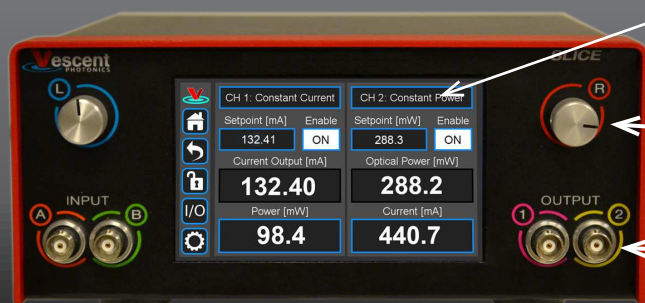
³Worst-case noise at max current and max compliance voltage

⁴Automatically adjusts to your load requirements

⁵In constant power mode; fluctuation of monitor photodiode current

⁶Two SLICE units will fit on a 3U 19" rack mount tray

Touch screen for easy set up and control



Rotary knob interface allows fast, precise value entry

User-assignable front-panel I/O for monitor and interlocking

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SLICE-DCC Current Controller

