EDU36311A Triple Output DC Power Supply

Smart Bench Essentials

1. Display
2. Output selection keys
3. Voltage/Current knobs
4. Functions/Navigation/Numeric keys
5. Output On/Off keys
6. Output terminals
7. Soft keys
8. Earth ground reference
9. USB host
10. Power switch

Key features and benefits:

Clean, reliable power

- Low output ripple and noise
- Excellent programming/readback accuracy
- Excellent line/load regulation
- Over voltage, over current, and over temperature protection

Convenient benchtop capabilities

- Three independent power supplies in one box
- Low acoustic noise

Intuitive and easy-to-use interfaces

- Signature 7-inch color display
- Color coded channels
- Individual knobs for voltage and current
- LAN, USB

Details view of individual output channel

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EDU36311A capabilities

Performance specifications	E36311A		
Power output	**90 W**		
DC output rating (0 to 40ºC)	1	2	3
	0 to 6 V	0 to 30 V	0 to 30 V
	0 to 5 A	0 to 1 A	0 to 1 A
Load regulation ± (% of output + offset)			
Voltage	< 0.01% + 2 mV		
Current	< 0.2% + 10 mA		
Line regulation ± (% of output + offset)			
Voltage	< 0.01% + 2 mV		
Current	< 0.2% + 10 mA		
Accuracy 12 months (23 ºC ± 5 ºC)			
Programming accuracy ± (% of output + offset)			
Voltage	0.1% + 5 mV	0.05% + 10 mV	
Current	0.1% + 10 mA	0.2% + 5 mA	
Readback accuracy ± (% of output + offset)			
Voltage	0.1% +5 mV	0.05% + 10 mV	
Current	0.1% +10 mA	0.2% + 5 mA	
Load transient recovery time (Time to recover to within the settling band following a load change from 50% to 100% and from 100% to 50% of full load)			
Voltage settling band	15 mV		
Time	<50 uS		

PathWave BenchVue power supply app (included)

Ordering information

Part Number	Description
EDU36311A	90W DC power supply, triple-output, 6 V, 5 A and 2x 30V, 1 A, LAN, USB
EDU190A	Instrument stacking kit
BV0003B	PathWave BenchVue Power Supply App

For additional information, please go to:
www.keysight.com/find/EDU36311A

Learn more at: www.keysight.com

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