Data Sheet

Programmable DC Power Supplies

Models 1785B, 1786B, 1787B & 1788

Programmable DC Power Supplies

Models 1785B, 1786B, 1787B & 1788 are Programmable DC Power Supplies that offer new levels of "ease of use" and programmable functionality. Direct key in entry makes voltage and current selection fast, accurate and easy. In case calibration allows for simple, cost savings, uninterrupted operation.



Model 1788

Common Features:

- Sixteen user programmable preset outputs
- Controllable Output On/Off Switch
- 10 mV/10 mA settable resolution
- Closed case calibration
- Low ripple and noise
- Excellent temperature stability
- Serial interface cable and software included

Specifications	1785B	1786B	1787B	1788
Parameter				
Output Ratings, (0 °C - 40 °C)				
Voltage	0 ~18 V	0 ~32 V	0 ~72 V	0 ~32 V
Current	0 ~5 A	0 ~3 A	0~1.5 A	0~6 A
Load Regulation, ±(% of output +offset)				
Voltage	<0.01% + 3 mV , Model 1788 = <0.02% + 5 mV			
Current	<0.1% + 3 mA			
Line Regulation, ±(% of output +offset)				
Voltage	<0.1% + 3 mV			
Current	<0.1% + 2 mA			
Ripple, (20 Hz ~20 MHz)				
Voltage	≤1 mVrms/3 mVpp			
Current	5 mArms			
AC Input	115 V/220 VAC ± 10%, 47 to 63 Hz			
Dimensions (WxHxD)	10" x 4.16" x 15" (255.7 mm x 105.7 mm x 382.7 mm)			
Weight	14 lbs (6.4 kg)	16.5 lbs (7.5 kg)		
One-Year Warranty				
Included Accessories	User manual, software Installation disk, test report, power line cord, USB to TTL serial converter IT-E132B			

Technical data subject to change
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v042616

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