



# Models 1785B, 1786B 1787B & 1788

## Programmable DC Power Supplies

### Data Sheet

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### 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.

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



Model 1788

Specifications		models			
	1785B	1786B	1787B	1788	
Parameter					
Output Ratings, (0 °C - 40 °C)					
Voltage	0 ~18V	0 ~32V	0 ~72V	0 ~32V	
Current	0 ~5A	0 ~3A	0~1.5V	0~6A	
Load Regulation, ±(% of output + offset)	<0.01% + 3mV, Model 1788 = <0.02% + 5mV				
Voltage	<0.01% + 3mV, Model 1788 = <0.02% + 5mV				
Current	<0.1% + 2mA				
Line Regulation, ±(% of output + offset)	<0.1% + 3mV				
Voltage	<0.1% + 3mV				
Current	<0.1% + 2mA				
Ripple, (20Hz ~20MHz)	≤ 1mVrms/3mVp-p				
Voltage	≤ 1mVrms/3mVp-p				
Current	5mA <sub>rms</sub>				

Specifications subject to change without notice