

Data Sheet

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.

- 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) | | | | | |
| Voltage | <0.1% + 3mV | | | | |
| Current | <0.1% + 2mA | | | | |
| Ripple, (20Hz ~20MHz) | | | | | |
| Voltage | ≤ 1mVrms/3mVp-p | | | | |
| Current | 5mArms | | | | |

Specifications subject to change without notice