

## BK 1737/1747 實用型雙範圍直流電源供應器



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### BK 1737 / 1747

BK 1737 / 1747 為實用型雙範圍直流電源供應器。使用者可在低電流範圍下輸出高電壓，低電壓範圍下輸出高電流。4 位數的雙 LED 顯示使電壓及電流掌控更為簡單。使用上可從前面板設定或是藉由 RS232 介面來進行遠端操控。

### 特點

- 雙範圍輸出
- 低漣波、低雜訊
- 傑出的調整能力
- CV/CC 模式
- LED 顯示器
- 標準 RS232 介面
- 關機前的狀態儲存功能
- 過載保護功能

| Output Ratings/Model | 1737   | 1747  |
|----------------------|--|---|
| Voltage              | 0 - 60 V                                     |   |
| Current              | 0-3 A (0-30 V range)<br>0-2 A (0-60 V range) | 0-10 A (0-35 V range)<br>0-5 A (0-60 V range) |

## Specifications

| Model  | 1737   | 1747  |
|--|--|---|
| <b>Output Ratings (0°C~40°C)</b>   |  |   |
| Voltage  | 0-60 V                                       |   |
| Current  | 0-3 A (0-30 V range)<br>0-2 A (0-60 V range) | 0-10 A (0-35 V range)<br>0-5 A (0-60 V range) |
| <b>Load Regulation ±(% of output+offset)</b>                                     |  |   |
| Voltage  | 0.01% + 3 mV                                 | 0.01% + 5 mV                                  |
| Current  | 0.2% + 3 mA                                  |   |
| <b>Line Regulation ±(% of output+offset)</b>                                     |  |   |
| Voltage  | 0.01% + 3 mV                                 |   |
| Current  | 0.2% + 3 mA                                  |   |
| <b>Ripple &amp; Noise (20 Hz ~ 20 MHz)</b>                                       |  |   |
| Voltage  | 1 mVrms                                      |   |
| Current  | ≤ 3 mArms                                    |   |
| <b>Recovery Time</b>   |  |   |
| Time   | ≤ 100 μs                                     |   |
| <b>Meter Resolution</b>  |  |   |
| Voltage  | 10 mV  |   |
| Current  | 1 mA   | 1 mA (0-5 A)<br>10 mA (5-10 A)                |
| <b>Meter Accuracy</b>  |  |   |
| Voltage  | 0.5% + 9 digits                              | 0.5% + 5 digits                               |
| Current  | 0.5% + 9 digits                              | 0.5% + 5 digits                               |
| <b>General</b>   |  |   |
| Power Requirements   | 120/220 VAC ±10%, 50/60 Hz                   | 115/230 VAC ±10%, 50/60 Hz                    |
| Power Consumption  | ≤ 180 VA                                     | ≤ 560 VA                                      |
| Protection   | Reverse polarity, current limiting           |   |
| <b>Operating Environment</b>   |  |   |
| Temperature  | 32°F to 104°F (0°C to 40°C)                  |   |
| Humidity   | 75% R.H.                                     |   |
| Temperature coefficient (0°C~35°C) (%of output+offset)                           | 300 ppm/°C                                   |   |
| Storage Temperature  | 5°F to 158°F (-15°C to +70°C)                |   |
| Storage Humidity   | 85% R.H.                                     |   |
| <b>Mechanical Specifications</b>   |  |   |
| Weight   | 10.5 lbs (4.8 kg)                            | 30.2 lbs (13.7 kg)                            |
| Dimensions (W x H x D)   | 5.5" x 6.2" x 12.5"<br>(140 x 158 x 318 mm)  | 10.75" x 6" x 14"<br>(273 x 153 x 356 mm)     |
| Included Accessories: Power cord, instruction manual, RS-232 cable, shorting bar |  |   |