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BK PRECISION

Data Sheet

40A Switching Digital DC Power Supply Model 1692



The B&K 1692 Switching Mode DC Power Supply provides high current output in a lightweight and compact package. It is suitable for a variety of uses, especially for powering DC operated mobile radio equipment on the bench. It provides a variable voltage output from 3 V to 15 V at 40 A continuous operation. In addition a fixed 13.8 VDC output is also selectable by a slider switch. Switching mode power supplies have the advantage of lightweight and high efficiency when compared to traditional linear mode power supplies. The efficiency can exceed 80% under the best conditions. Advanced circuitry protects against overload and provides immunity from RFI. A bright red and green LED display provides for an accurate and highly readable indicator of settings.

Features & Benefits

- Lightweight and compact
- High efficiency
- Current fold back circuitry with illuminated indicator prevents overloading the power supply
- Over temperature protection circuitry
- Over voltage protection prevents abnormal high output voltage
- High RFI stability
- Variable output 3 V to 15 V at 40 A

Specifications	1692
Output Voltage	3 - 15 V or fixed 13.8 VDC (selectable)
Output Current	40 A continuous
Ripple and Noise	<10 mVrms
Line Regulation (120V \pm 10%)	80 mV
Load Regulation (0 - 100% load)	230 mV
AC Input	120 VAC, 60 Hz*
Metering	Dual color digital LED
Dimensions (H x W x D)	8.67" x 4.33" x 11.82" (220 x 110 x 300 mm)
Weight	7.7 lbs. (3.5 kg)
One-Year Warranty	
Included Accessories	User manual and power cord

*For 220 V operation, order model 1692-220V.