



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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±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)
<b>One-Year Warranty</b>	
Included Accessories	User manual and power cord

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