



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



DCP42 160W Single Continuous Switching Power Supply with USB

Continuous switching Power Supply offers high efficiency electrical power conversion for greater energy conservation and lighter weight.

Applications:

- Laboratory use
- Bench Testing, Service, and Repair
- Research and Development facilities
- Educational and Institutional Training



Features

- Constantly calculates and adjusts the Voltage and Current limit points according to available maximum power (160W)
- At maximum current (10A), voltage is limited to 16V; at maximum voltage (42V), current is limited to 3.8A
- Dual action rotary encoder control with push knob for fine and coarse tuning
- Remote control for Programming, Output Voltage/Current, and ON/OFF using supplied software, driver, and USB
- Three on-board user-defined Voltage/Current presets
- Store 20 presets with up to 999 cycles each on a PC via USB and supplied Software
- Software also includes DC Ramp and Waveform Generator
- Complete with power cord, software, and USB cable

Specifications

Output Voltage	0 to 42V
Output Current	0 to 10A
Basic Accuracy	±(0.2%+5 counts)
Load Voltage Regulation	≤0.15% (10-100% rated current)
Line Voltage Regulation	≤0.02% (90-264V AC)
Load Current Regulation	≤0.5% (10-90% rated voltage)
Line Current regulation	≤0.1% (90-264V AC)
Ripple and Noise	≤5m Vrms, ≤50m Vp-p
Dimensions/ Weight	7.9 x 3.7 x 9.5" (200 x 95 x 245mm)/ 5lbs (2.3kg)

Ordering

DCP42 160W Single Continuous Switching Power Supply with USB (100-240V)

