



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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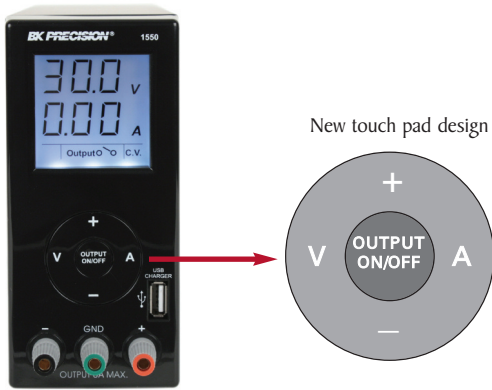
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Data Sheet

Switching DC Power Supply with USB Charger Output 1-36 V, 0-3 A

Model 1550



The model 1550 is a compact 108 watt power supply delivering 1-36 V and 0-3 A from its main isolated output. A unique feature of the 1550 supply is the USB charging port located on the front panel allowing the user to charge a cell phone or MP3 player. Clean power and quiet operation make this power supply ideal for any bench in laboratories, work shops and schools where bench space is limited.

Features:

- USB charging port on front panel
- Rear panel security loop
- Compact design
- Output On/Off control
- Large bright easy to read LCD display
- Constant voltage and constant current operation
- Overvoltage protection
- 230 VAC version with banana style outputs (model 1550-220V)



USB Charging Port

Charge your cell phone or MP3 player while you work



Specifications	1550
MAIN OUTPUT	
Output Voltage Adjustable Range	1.0 – 36 VDC
Output Current Adjustable Range	0 – 3 A
Voltage Regulation	
Load (10 % to 100 %)	± 50 mV
Line (min to max)	± 20 mV
Ripple	± 5 mV rms
Noise (Peak to Peak)	± 50 mV
Current Regulation	
Load (10 % to 100 %)	± 20 mA
Line (min to max)	± 20 mA
USB OUTPUT	
Output Voltage	5 V (± 10 %)
Output Current	400 mA (± 10 %)
Load Voltage Regulation	80 mV (± 10 %)
Ripple & Noise (no load rms)	8 mV (± 10 %)
OTHER	
AC Input	100 – 120 Vac (50~60 Hz)*
Efficiency at Max Power	83 % (± 10 %)
Voltmeter and Ammeter Display	3 Digit
Voltmeter Accuracy	± 1 % of rdg. ± 5 digits
Switching Operation Frequency	80 kHz to 120 kHz
Ammeter Accuracy	± 1 % of rdg. ± 5 digits
Full Load Input Current at 120 Vac	1.8 A (± 10 %)
LCD Indication	CC, CV, Amp, Volt, Output ON-OFF
GENERAL	
Protection	Short Circuit, Overload, Over Temperature, Over Voltage
Dimensions (W x H x D)	2.8" x 6.0" x 9.8" (70 x 150 x 250 mm)
Weight	4.4 Lbs. (2 kgs)
One-Year Warranty	
Supplied Accessories	User manual and power cord

*For 230V input, order model number 1550-220V.

Rear Panel Security Loop

Secure the power supply to a work station to prevent unwanted removal

