



# **VOLTCRAFT®**

**VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY**

“For more than 25 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

## **PLUG-IN SWITCHING POWER SUPPLY**



VERSION 07/09

<b>Nº 51 83 70</b>	<b>USPS-600</b>
<b>51 83 71</b>	<b>USPS-1000</b>
<b>51 83 72</b>	<b>USPS-1500</b>
<b>51 83 73</b>	<b>USPS-2250</b>

This power supply unit is designed to operate a range of electronic devices such as hand-held computers, portable CD players, mini-TVs etc. The broad input range enables operation at electric power supplies ranging from 100 to 240 V AC, 50/60 Hz. Seven levels of stabilized output DC voltage, from 3 V to 12 V DC (3 / 4.5 / 5 / 6 / 7.5 / 9 / 12 V DC), can be selected. The power supply unit includes eight different low-voltage connectors suitable for the most common connection types. Inverting the polarity of the low voltage connector enables polarity selection. The power supply unit is overload protected. Nevertheless, the load’s power consumption may not exceed the nominal rating of the power supply unit (according to the voltage mode setting). The power supply unit’s technology enables high output current despite the unit’s small dimensions and low weight.

## **HIGHLIGHTS**

**EuP-compliant (European energy saving directive) //**

**Output 3 – 12 VDC //**

**Max. output current -**

**BN 51 83 70: 600 mA**

**BN 51 83 71: 1000 mA**

**BN 51 83 72: 1500 mA**

**BN 51 83 73: 2250 mA //**



# TECHNICAL DATA

<b>All models</b>		
Operating voltage:	100 - 240 V/AC, 50/60 Hz	
Output voltage:	3 / 4.5 / 5 / 6 / 7.5 / 9 / 12 V DC $\pm$ 10 %	
Electrical protection class:	II	
Ambient temperature:	Operation: 0 °C to 40 °C Storage: -20 °C to 60 °C	
Air humidity:	Operation: 20 % to 85 % Storage: 10 % to 90 %	
Outer $\varnothing$ / inner $\varnothing$ of low voltage connectors (mm):	Connector S: 2.35/0.75 Connector H: 3.5/1.35 Connector I: 4.0/1.7	Connector D: 5.0/2.1 Connector N: 5.5/1.5 Connector G: 5.5/2.5
Dimensions of jack (mm):	Connector A: 2.5 Connector B: 3.5	
USB plug:	5 V (available as accessory BN 513189)	
Protected against:	Overvoltage, overcurrent, overpower, short circuit	
<b>Model USPS-600 (BN 51 83 70)</b>		
Input current (at 120 V/AC):	160 mA	
Output current max.:	600 mA	
Power input max.:	12 W	
Power output max.:	7.2 W	
Dimensions (L x W x H):	69.6 x 39.7 x 70.6 mm	
Weight:	110 g	
<b>Model USPS-1000 (BN 51 83 71)</b>		
Input current (at 120 V/AC):	250 mA	
Output current max.:	1000 mA	
Power input max.:	18.5 W	
Power output max.:	12 W	
Dimensions (L x W x H):	77 x 43.7 x 74.5 mm	
Weight:	150 g	
<b>Model USPS-1500 (BN 51 83 72)</b>		
Input current (at 120 V/AC):	350 mA	
Output current max.:	1500 mA	
Power input max.:	26 W	
Power output max.:	18 W	
Dimensions (L x W x H):	82.5 x 52.8 x 74.2 mm	
Weight:	175 g	
<b>Model USPS-2250 (BN 51 83 73)</b>		
Input current (at 120 V/AC):	550 mA	
Output current max.:	2250 mA	
Power input max.:	37 W	
Power output max.:	27 W	
Dimensions (L x W x H):	88 x 52 x 78.6 mm	
Weight:	202 g	

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