

VOLTCRAFT – TOP PERFORMANCE IN EVERY WAY

For more than 40 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.

ESP-3020 LAB POWER SUPPLY



Item no. 2521980

This power supply operates as a constant voltage (C.V.) or constant current (C.V.) supply. Automatic crossover to either mode of operation occurs when the load condition changes.

FEATURES

0 - 30V/DC // 0 - 20A // 0 to +40 °C // 3 digit LED display // high efficiency of up to 80% // protection against overload, over-current, short-circuit, over-temperature, over-voltage

TECHNICAL DATA

a) General information

Operating voltage	200 - 230 V/AC
Frequency	50 - 60 Hz
Control range of output voltage	0 – 30 V/DC (variable)
Control range of output current	0 – 20 A (variable)
O.V. Set (potentiometer)	5 - 35 V/DC, 33.5 V/DC (factory setting)
Power output	max. 600 W
Display accuracy	±0.5 % ±1 digits
Operating time without interruption	max. 24 h (uninterrupted)
Fuse	F, 10 A / 250 V/AC
Protection class	I
Power cord length	1.5 m
Protection	overload, over-current, short-circuit, over-temperature, over-voltage
Operating temperature/ humidity	0 to +40 °C, ≤80 % RH
Storage temperature/ humidity	-10 to +70 °C, ≤70 % RH
Dimensions (L x W x H)	320 x 200 x 152 mm
Weight	2.9 kg



b) Output voltage

No-load	$\leq 0.5 \% \pm 100 \text{ mV}$
Load	$\leq 1 \%$
Residual ripple	$\leq 200 \text{ mVp-p}$

c) Output current

No-load	$\pm 0.5 \% \pm 100 \text{ mA}$
Load	$\leq 1 \%$
Residual ripple	$\leq 200 \text{ mVp-p}$

PACKAGE CONTENTS

Power supply // Terminal caps // Terminal lugs // Mains cable // Operating instruction