

# DSC®

## PS3020 Power Supply

### INSTALLATION INSTRUCTIONS

The PS3020 is a 2.2 amp regulated power supply with a built-in battery charging circuit and AC power indicator. The board is 8.4cm/3.3" x 6.6cm/2.6" and comes with adhesive foam mounting tape.

**WARNING:** DO NOT exceed the maximum recommended current! Risk of fire if it is over 2.2A."

#### Features

- 6 volt or 12 volt operation, jumper selectable
- Provides correct charging voltage for rechargeable gel-cell batteries, Trimpot adjustable for lead-acid batteries
- AC power on LED indicator
- Automatic switch-over to standby battery power in case of AC power failure
- Output is fused at 5 amps for higher battery assisted output current

#### Installation Instructions

At the time of installation select proper operating voltage:

- For 6 volt operation - leave yellow jumper intact
- For 12 volt operation - cut yellow jumper

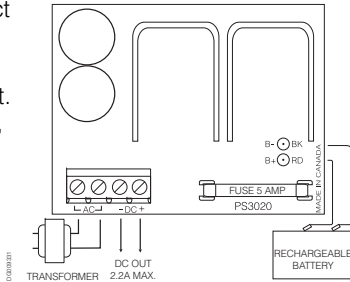
Using AC power only, without battery connected, measure DC voltage and load current. From the measured or estimated load current, you can obtain your transformer and battery requirements.

Connect the battery and remove AC power. The circuit should operate normally. Reconnect the AC power, your circuit is now fully tested and functional.

Note: This power supply is not to be used in UL/ULC listed installations.

#### Transformer Requirements (For maximum power)

- 6 Vdc ..... 12 volts, 80 VA
- 12 Vdc ..... 16 volts, 80 VA



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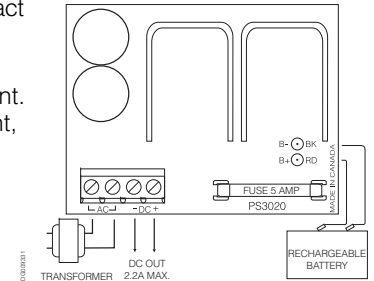
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#### LIMITED WARRANTY

Digital Security Controls warrants that for a period of twelve (12) months from the date of purchase by the original buyer, the product shall be free of defects in materials and workmanship under normal use and that fulfillment of any breach of such warranty, Digital Security Controls shall, at its option, repair or replace the defective equipment upon return of the equipment to its factory. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls. This warranty contains the entire warranty. Digital Security Controls neither assumes, nor authorizes any other person purporting to act on its behalf to modify or change this warranty or liability concerning this product.

In no event shall Digital Security Controls be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

**WARNING: Digital Security Controls recommends that the entire system be tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.**



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