



Digital Security Controls

PS3020

3.0 AMP POWER SUPPLY

The PS3020 is a 3.0 amp regulated power supply with a built-in battery charging circuit and AC power indicator. The board is 8.4 cm (3.3 in.) wide x 6.5 cm (2.55 in.) deep and comes with adhesive foam mounting tape.

FEATURES

- 6 or 12 volts operation, jumper selectable.
- Provides correct charging voltage for rechargeable gell-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 (see User Guide 100).

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

TRANSFORMER REQUIREMENTS (FOR MAXIMUM POWER)

- 6 VDC -- 12 VOLTS, 80 VA
- 12 VDC -- 16 VOLTS, 80 VA

