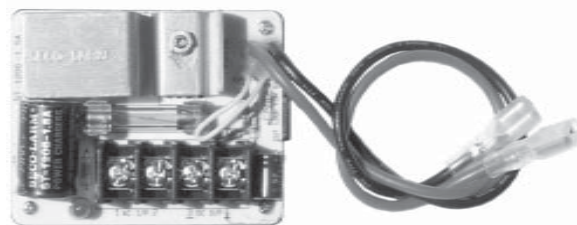


ENFORCER[®] ST-series Power Supplies/ Chargers



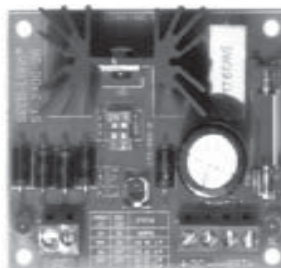
ST-1206-1.5A

ST-1206-1.5A

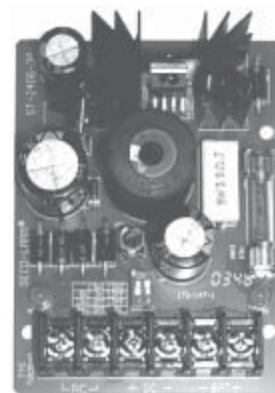
1.5A continuous, 2A peak
Programmable output: 6V or 12V DC

ST-2406-2A

1.5A continuous, 2A peak
Programmable output: 6V, 12V, or 24V DC



ST-2406-2A



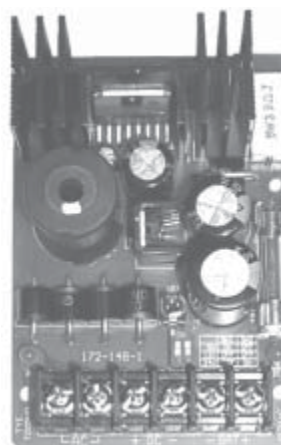
ST-2406-3A

ST-2406-3A

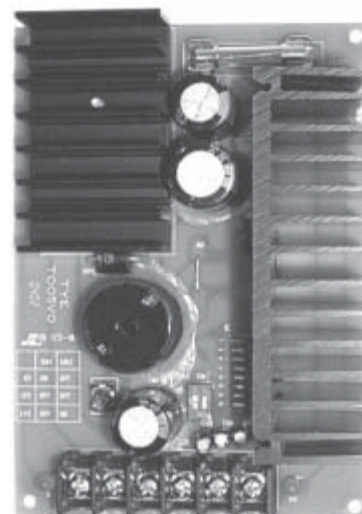
2.5A continuous, 3A peak
Programmable output: 6V, 12V, or 24V DC

ST-2406-5A

4A continuous, 5A peak
Programmable output: 6V, 12V, or 24V DC



ST-2406-5A



ST-2406-7A

ST-2406-7A

7A continuous, 7.5A peak
Programmable output: 6V, 12V, or 24V DC

- For automatic recharging of back-up batteries.
- Several models to choose from.
- Programmable DC voltage output.
- Built-in short-circuit current limiting protection.
- Fused output for a regulated charge.
- Automatic switch-over to the backup battery if main power is lost or cut.
- LEDs indicate power status.
- Includes foam tape for easy installation.

SECO-LARM's ST-series of power supplies/chargers ensure that alarm systems and access control systems always have enough power to do their job. Protected by fused output, input polarity protection diodes, and back-up battery polarity reverse protection, these power supplies/chargers can be used to maximize the security and efficiency of nearly any alarm or access control installation.

FUSED OUTPUT

The ST-1206-1.5A comes with a 3A fuse; the ST-2406-2A, ST-2406-3A, and ST-2406-5A models come with a 5A fuse; while the ST-2406-7A comes with a 10A fuse. Use only the correct fuses to prevent short circuits and damage to the power supplies/chargers or the alarm or access control panel.

WARNING

Connect these power supplies/chargers only to a rechargeable back-up battery. Use of a non-rechargeable back-up battery could result in damage to the power supplies/chargers or the alarm or access control panel, as well as leakage or even explosion of the battery.

CONNECTIONS AND LED STATUS (for ST-1206-1.5A)

NOTE — DO NOT connect AC power or the back-up battery to the power supplies/chargers until after all connections to the alarm or access control panel have been made. Observe correct polarity.

- Terminals 1 and 2 — To Class-II transformer VAC outputs.
- Terminal 3 — To alarm or access control panel VDC negative (-) input.
- Terminal 4 — To alarm or access control panel VDC positive (+) input.
- Red wire lead — To back-up battery positive (+) terminal.
- Black wire lead — To back-up battery negative (-) terminal.

To program DC voltage output:

- 6VDC — Cut the wire loop, and connect to a 12VAC/20VA (ST-1212-20) transformer. INSULATE THE CUT WIRE LEADS so that they do not come in contact with the power supplies/chargers.
- 12VDC — Leave the wire loop uncut, and connect to a 16VAC/40VA transformer.

LED status — Red LED on indicates connection to AC power.

CONNECTIONS AND LED STATUS (for models ST-2406-2A, ST-2406-3A, ST-2406-5A, or ST-2406-7A)

NOTE — DO NOT connect AC power or the back-up battery to the power supplies/chargers until after all connections to the alarm or access control panel have been made. Observe correct polarity.

- AC terminals (2) — To the Class-II transformer VAC outputs (see Table 1.).
- DC+ terminal — To alarm or access control panel VDC positive (+) input (see Table 2.).
- DC- terminal — To alarm or access control panel VDC negative (-) input (see Table 2.).
- BAT- terminal — To back-up battery negative (-) terminal.
- BAT+ terminal — To back-up battery positive (+) terminal.

Table 1:

Transformer selection table:

Output voltage	ST-2406-2A	ST-2406-3A	ST-2406-5A	ST-2406-7A
6VDC	12VAC/20VA (ST-1212-20)	16VAC/40VA	16VAC/40VA	16VAC/100VA
12VDC	16VAC/40VA	16VAC/40VA	16VAC/85VA	16VAC/160VA or 28VAC/150VA
24VDC	24VAC/60VA	28VAC/100VA	28VAC/180VA	28VAC/300VA

Table 2:

To program DC voltage output, program the DIP switches as follows:

Voltage	SW1	SW2
6V	ON	OFF
12V	OFF	OFF
24V	OFF	ON

Table 3:

LED status:

Green LED	Red LED	Status
ON	ON	Normal
OFF	ON	No VAC input
ON	OFF	No VDC output

- Note:**
1. Using a higher AC input than recommended may damage the unit.
 2. When a power supply/charger is used at its maximum load for an extended period of time, the heatsink portion of the power supply/charger will get very hot.

NOTICE

The information and specifications printed in this manual are current at the time of publication. However, the SECO-LARM policy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints or typographical errors.

Copyright © 2004 SECO-LARM U.S.A., Inc. All rights reserved. This material may not be reproduced or copied, in whole or in part, without the written permission of SECO-LARM.

WARRANTY: ENFORCER Power Supplies/Chargers are warranted against defects in material and workmanship while used in normal service for a period of one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation pre-paid, to SECO-LARM.