

Power Supply/Charger

ST-2406-10A 10A continuous. 6/12/24VDC

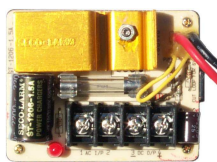
Features:

- ▶ Convert low-voltage AC input power to low-voltage DC output power.
- ▶ Regulated and filtered output voltage.
- ▶ Short circuit protection.
- ▶ Thermal protection and compensation.
- ▶ Built-in backup battery charger.
- ▶ Switches automatically in case of powerloss.
- ▶ Fused protection for battery charger.
- ▶ 2 LEDs to indicate AC power input and DC power output status.
- ▶ Compatible with lead acid or gel-type rechargeable battery.
- ▶ Reverse polarity protected.

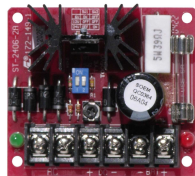


9A Continuous
6/12/24VDC

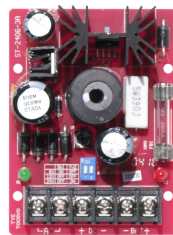
Also Available from SECO-LARM:



ST-1206-1.5A
1.5A continuous.
6, 12VDC



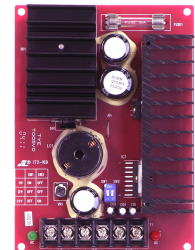
ST-2406-2A
1.5A continuous.
6, 12, 24VDC



ST-2406-3A
2.5A continuous.
6, 12, 24VDC



ST-2406-5A
4A continuous.
6, 12, 24VDC



ST-2406-7A
7A continuous.
6, 12, 24VDC

Specifications:



Model Number	DC Voltage	Current (continuous)	Current (peak)	Current Output (maximum charge)	PCB Size
ST-1206-1.5A	6/12	1.5A	2.0A	6V = 200mA, 12V = 400mA	2-7/8" x 2-1/4" x 1" (73 x 57 x 25 mm)
ST-2406-2A	6/12/24	1.5A	3.0A	6V = 180mA, 12V = 350mA, 24V = 700mA	2-7/8" x 2-1/2" 1-3/8" (73 x 64 x 35 mm)
ST-2406-3A	6/12/24	2.5A	3.0A	6V = 180mA, 12V = 350mA, 24V = 700mA	3-3/8" x 2-7/8" x 1-5/16" (81 x 73 x 33 mm)
ST-2406-5A	6/12/24	4.0A	5.0A	6V = 180mA, 12V = 350mA, 24V = 700mA	3-3/4" x 2-7/8" x 1-9/16" (95 x 73 x 40 mm)
ST-2406-7A	6/12/24	7.0A	7.5A	6V = 180mA, 12V = 350mA, 24V = 700mA	5-1/2" x 5-1/8" x 2-11/64" (140 x 130 x 55 mm)
ST-2406-10A	6/12/24	9.0A	10.0A	6V = 180mA, 12V = 350mA, 24V = 700mA	5-1/2" x 5-1/10" x 2" (140 x 130 x 51 mm)

SECO-LARM carries a full-line of Open-Frame Transformers that compliment the ST-2406 Series Power Supply/Chargers. To find the transformer for a specific application, please refer to the chart below:

Transformer Selection Table:

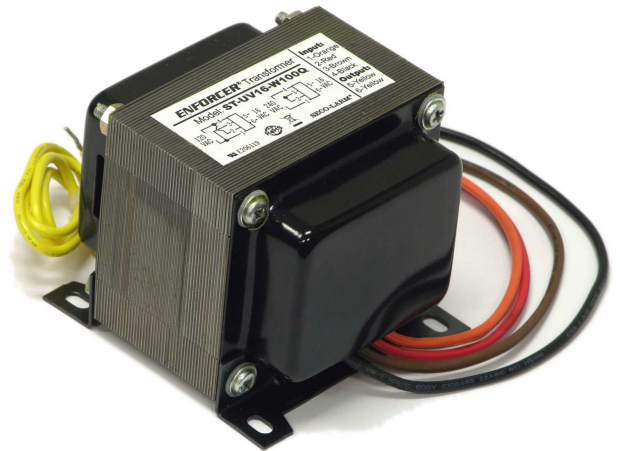
Output voltage	ST-1206-1.5AQ	ST-2406-2AQ	ST-2406-3AQ	ST-2406-5AQ	ST-2406-7AQ	ST-2406-10AQ
6VDC	12VAC/20VA	12VAC/20VA	ST-UV24-W50Q 24VAC/50VA	ST-UV16-W100Q 16VAC/100VA	ST-UVDA-W180Q 24-28VAC/180VA	ST-UV16-W100Q 16VAC/100VA
12VDC	16VAC/40VA	16VAC/40VA	ST-UVDA-W100Q 24-28VAC/100VA	ST-UV-W100Q 16VAC/100VA	ST-UVDA-W180Q 24-28VAC/180VA	ST-UVDA-W180Q 24-28VAC/180VA
24VDC	N/A	ST-UV24-W50Q 24VAC/50VA	ST-UVDA-W100Q 24-28VAC/100VA	ST-UVDA-W180Q 24-28VAC/180VA	24-28VAC/210VA	28VAC/350VA

Open-Frame Transformers

ST-UV24-W50Q	24VAC/50W
ST-UV16-W100Q	16VAC/100W
ST-UVDA-W100Q	24/28VAC/100W
ST-UVDA-W180Q	24/28VAC/180W
ST-UV28-T350Q	28VAC/350W

Features:

- ▶ Shielded windings to reduce electromagnetic interference (EMI).
- ▶ Selectable input voltage
- ▶ Selectable output voltage on some models.



Specifications:

Model	Output voltage	Amperage	VA	Input Voltage
ST-UV-W50Q	24VAC	2.08	50VA	120VAC or 240VAC 50/60Hz
ST-UV16-W100Q	16VAC	6.25	100VA	120VAC or 240VAC 50/60Hz
ST-UDVA-W100Q	24VAC	4.16	100VA	120VAC or 240VAC 50/60Hz
	28VAC	3.57	100VA	120VAC or 240VAC 50/60Hz
ST-UVDA-W180Q	24VAC	7.5	180VA	120VAC or 240VAC 50/60Hz
	28VAC	6.43	180VA	120VAC or 240VAC 50/60Hz
ST-UV28-T350Q	28VAC	12.5	350VA	120VAC or 240VAC 50/60Hz