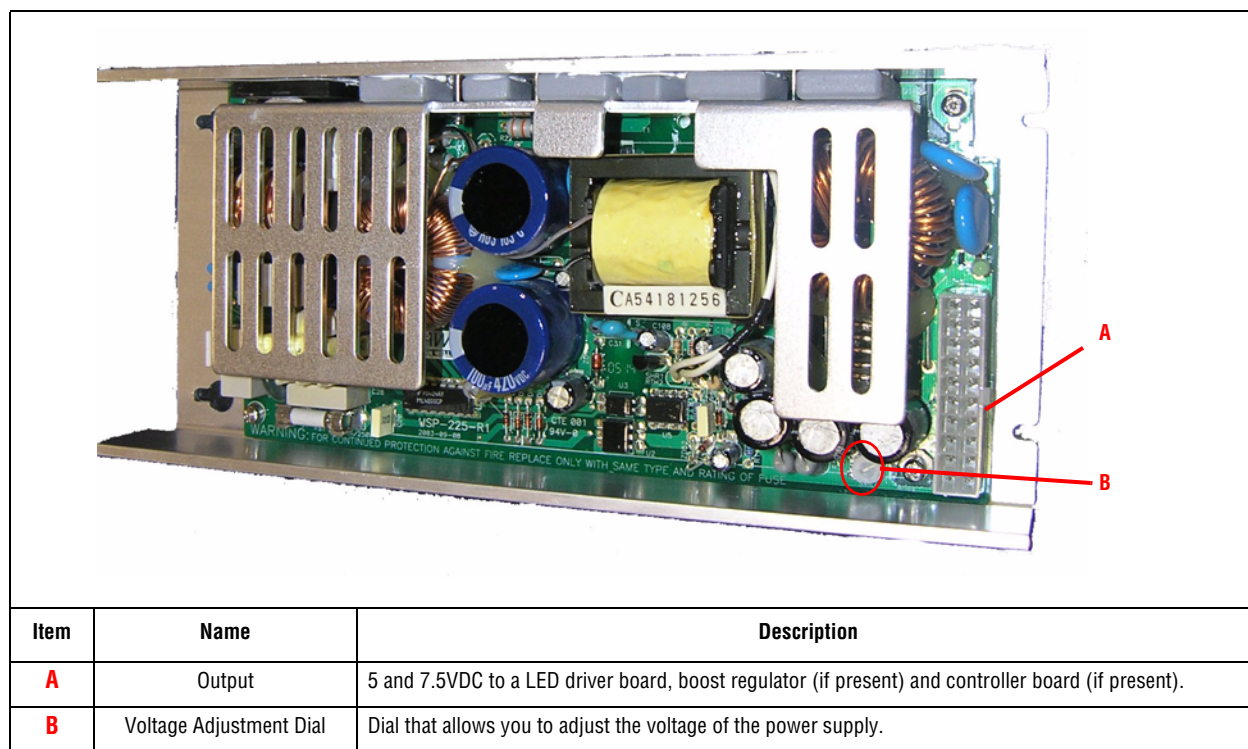


5V and 7.5V Power Supply (pn 1179950301/1179950201)

1.1 Description

Two types of power supplies are used in AlphaEclipse StreetSmart version 35X and 17X signs: 5V (pn117950301) and 7.5V (pn 1179950201). Both of these power supplies provide power to LED driver boards, boost regulator (if present), and controller (if present). A sign section contains one or two power supplies of the same voltage. (There can be two 5V or two 7.5V supplies, but not one 5V and one 7.5V.)

NOTE: Because the 5V and 7.5V look identical to each other, a voltage label is placed on each power supply. (Show a picture).



Item	Name	Description
A	Output	5 and 7.5VDC to a LED driver board, boost regulator (if present) and controller board (if present).
B	Voltage Adjustment Dial	Dial that allows you to adjust the voltage of the power supply.

1.2 AlphaEclipse StreetSmart sign installation

1

Remove power from the sign.

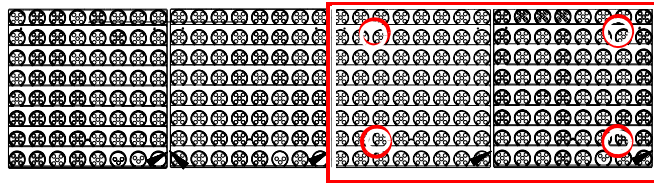


⚠ WARNING

Hazardous voltage.
Contact with high voltage
may cause death or serious
injury.
Always disconnect power to
unit prior to servicing. SM1000A

2

Locate the section that contains the power supply which will be replaced. To access the power supply, open section door:



To open the section door:

- Use a 5/32-inch hex tool to loosen each of the two door screws.

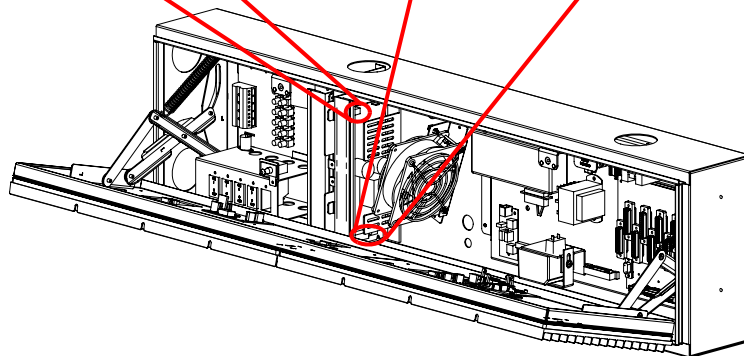
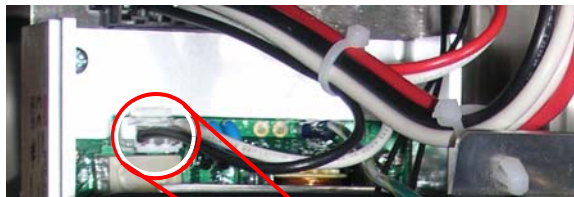


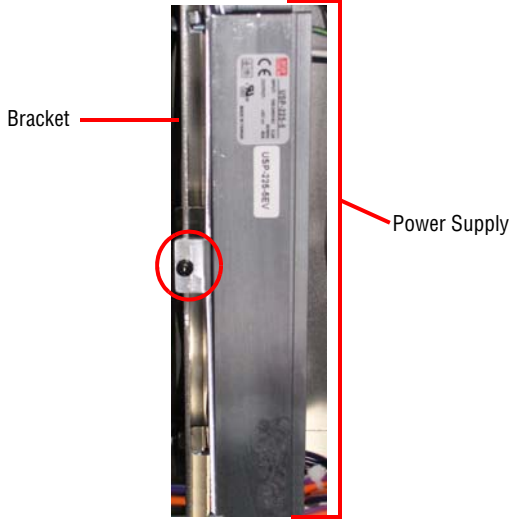
3

Disconnect the power supply.

Disconnect the AC in.

Disconnect DC distribution wire assembly.



4	Remove the screw (circled below) on the power supply bracket. Pull the power supply towards you then away from the bracket to remove.
	
5	Place the new power supply in the bracket, then tighten the screw.
6	Reattach all connectors to the new power supply.
7	Close the section door and tighten each latch.
8	Apply power to the sign.



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