

## Output Considerations

### Use of "OR"-ing Diodes

Although it is perfectly safe to connect the outputs of two like converters together, many applications require the use of separate external diodes when connecting two or more redundant diodes to the same point.

When OR-ing diodes are used, there is an additional voltage drop. On single output units with an adjust pin, the output can usually be adjusted upwards to compensate for the drop in the external diode. On dual or triple output units, the outputs can be adjusted upwards on special order. For example, a triple output converter may be ordered as a 5.4 VDC main output and +/- 12.4 VDC auxiliary outputs.