

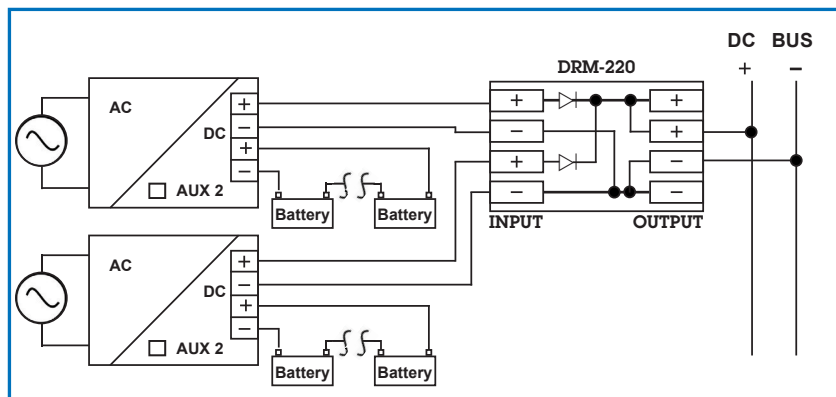
DIN UPS Redundancy Module



For crucial applications where loss of power can be critical or costly it is recommended that two DIN UPS units be paralleled for 1+1 redundancy. However, wiring two DIN UPS in parallel without isolation diodes can result in both units shutting down if one develops a short on the output side, as well as, give false status indicators. To prevent this and provide true isolation and redundancy the DRM-220 DIN-UPS Redundancy Module was developed. The isolation diodes inside the DRM-220 ensure the two DIN UPS units are isolated in the event of a DIN UPS failure, preventing a failed DIN-UPS unit from adversely affecting the other.

Under normal operation, each DIN-UPS supplies approximately 50% of the current required by the load(s). In the event of a DIN-UPS failure, the good DIN-UPS will carry 100% of the load without interruption of power to the load(s), often referred to as a 'Hot' switch over. The failed DIN-UPS will reveal its status via its diagnostic LED so the failed unit is easily identified. For additional redundancy, a separate battery is recommended for each DIN-UPS.

Typical Wiring Diagram: Redundancy Module



Model	Input Voltage	Max Output Power	Dimensions (H x W x D)	Weight (Lbs.)
DRM-220	10 - 60V DC	25 Amps	4.72" x 1.97" x 1.97"	1