



Intercel 19" DC power supply, EN 54-4 for evacuation system

The Intercel 19" DC power supply, EN 54-4 for evacuation system is a DC power supply in 19"-housing, which, in case of power failure, supplies power for at least 1/2 hour. It is made according to the EN 54-4 standard for evacuation systems.

The capacity of the power supply is dimensioned so that the rated current can be continually supplied leaving enough capacity to recharge a completely discharged battery within 24 hours back to 80% of its capacity. The capacity of the battery depends on the capacity required by the evacuation system. We supply voltages of 24V or 48V and currents up to 20 Amps.

The power supply is available in 19" housing, IP 23, with adequate ventilation for use in temperatures up to 30°C. On the terminal block there are connections for mains, DC and a potential free contact for alarm grid/charging failure.

On the front of the cabinet LEDs are mounted which indicate AC grid/emergency operation and general failure. Alarms for power failure, battery condition, battery voltage and rectifier failure are standard.

Standard models are:

| 24 Volt type             | RM 2410 -19                                | RM 2420 -19                                | RM 48 10 -19                               | RM 4820 -19                                |
|--------------------------|--|--|--|--|
| Rated current            | 10 A                                       | 20 A                                       | 10 A                                       | 20 A                                       |
| Nominal VDC              | 24 V                                       | 24 V                                       | 48 V                                       | 48 V                                       |
| Output voltage           | 27.3 V                                     | 27.3 V                                     | 54.6 V                                     | 54.6 V                                     |
| Ripple                   | <0.1%                                      | <0.1 %                                     | <0.1 %                                     | <0.1 %                                     |
| Primary +/- 10%          | 230 V                                      | 230 V                                      | 230 V                                      | 230 V                                      |
| Mains frequency          | 50 Hz                                      | 50 Hz                                      | 50 Hz                                      | 50 Hz                                      |
| Autonomy Batteries       | min. 1/2 hours depending on power required | min. 1/2 hours depending on power required | min. 1/2 hours depending on power required | min. 1/2 hours depending on power required |
| Cabinet dimensions wxdxh | 19 " x 285mm x 4U                          | 19 " x 285mm x 4U                          | 19 " x 285mm x 4U                          | 19 " x 285mm x 5U                          |
| Weight (excl. batteries) | 8 kg                                       | 8 kg                                       | 8 kg                                       | 8 kg                                       |

Besides the standard versions Intercel offers various different custom-made models. Each specification can be constructed.