

SFL Series, 75–600 Watt

The SFL series is a DIN Rail switching power supply series that complements the SolaHD SDN™ products with more input voltage, output voltage and power levels to give an even broader range of industrial DC power solutions.

These products are available in 12, 24 and 48 Vdc output and 115/230 Vac Input. They feature pluggable screw connectors* (mating connectors are included in each box sold) for easy installation and service. The products feature a DIN Rail connection, front panel DC OK indicators, and easily accessible AC and DC connections.

For parallel operation with power sharing, a redundant version is available for the 300 W (24 V/12 A) and 600 W (24 V/24 A) models.

Features

- DIN Rail Mount regulated switch mode power supplies
- 12 V, 24 V, and 48 V outputs available from 1.5-24 A
- Easy-to-wire pluggable* and screw terminal connectors
- Adjustable output voltage
- Selectable input: 115/230 Vac
- UL1604 Listed for Class 1, Division 2 hazardous locations (except -RED and -UDS versions)
- UL 508 Listed (except -RED and -UDS versions). No derating necessary.
- Two year warranty

* Except 600 watt models.



UL 508 Listed
IND. CONT.
EQ.E6I379



UL 60950
E137632
CUL/CSA-C22.2
No. 234-M90



EMC and
Low Volt.
Directive

- Fully Integrated Redundant models available:
 - RED (For SFL24-24-100 and SFL12-24-100 only)
Designed for N + 1 redundant power supply systems, these units provide active current sharing and allow up to 5 power supplies to be paralleled. Decoupling diodes and an alarm output to signal a unit failure are included in this option. Multiple units are required for redundancy.
- Models with optional battery back-up available:
 - UDS (For SFL24-24-100 and SFL12-24-100 only)
Contact Technical Services for details.

Selection Table

Catalog Number	Input Voltage Selectable	Output Power Maximum	Output Voltage Nominal	Output Current Maximum
SFL 6–12–100 SFL 1.5–48–100	115/230 Vac	75 Watt	12 Vdc 48 Vdc	6 A 1.5 A
SFL 3–48–100		150 Watt	48 Vdc	3 A
SFL 12–24–100 SFL 6–48–100		300 Watt	24 Vdc 48 Vdc	12 A 6 A
SFL 24–24–100 SFL 12–48–100		600 Watt	24 Vdc 48 Vdc	24 A 12 A
Redundant Models				
SFL 12–24–100RED SFL 24–24–100RED	115/230 Vac	300 Watt 600 Watt	24 Vdc	12 A 24 A