

380V DC RACK MOUNT POWER STRIP

1U RACK-MOUNTABLE WITH FUSE PROTECTION

74D-160FRLGN-00



FEATURES

- Twelve 380 VDC Receptacles
- Hardwired Power Input
- Space Saving 1U Package
- Fuse Protection
- LED Status Indicators

TECHNICAL SPECIFICATIONS

Input

- Power Input: 380 Volts DC
- Current: 60A Max. Total (20A Max. per Outlet & 20A Max. per Load Bank)
- Input Protection: 3 x 20A Two Pole Fuse
- Panel Indicators: Power-on, LEDs

Output

- Power Output: 18.24 KVA
- Output Receptacle: 12 x Anderson Power Products Receptacles

Physical & Environmental

- Size (Overall): 33"W x 1.73"H x 3.25"D
- Temp. Range: 0°C to 50°C
- Weight: ≈ 13 lbs.

It is no secret that energy efficiency is becoming more and more important. Everyone talks about "going green", but how do you really get there?

One way to achieve energy efficiency is to utilize DC Power instead of AC power. Utilizing DC power eliminates the conversion process of changing AC to DC, thus reducing heat which is a primary driver of HVAC and a large energy hog. Servers or blades equipped with direct power supplies, instead of AC power supplies, operate while producing 20-40% less heat, reduce power consumption by up to 30%, increase overall reliability, and greatly reduce the need for system maintenance. System efficiency gained by the use of DC power versus AC power is approximately 28%! Additionally, DC power provides greater ride through and uptime reliability due to the power plant installation.

To accommodate the growing DC power needs, Spectrum Power Management Systems designed the 74D-160FRLGN-00 DC Power Strip capable of providing 380 Volts of DC power. The DC power strip was designed to be hardwired into the main power infrastructure and provide power via 12 Anderson Power Products connectors. The outlets are divided up into three load banks. Each load bank features one 2 pole 20A fuse and an LED power-on indicator. The current for the total combined load is rated at 60 Amps max., and total load capacity is 18.24 KVA.

Traditional DC power distribution units are mounted horizontally. To save valuable rack space for other critical devices, we created a design with a slim 1U package that is mounted vertically. This allows you to fully utilize your "U" space for application-critical devices.

Spectrum Power Management Systems knows how important it is to find the perfect power distribution solution. If this product doesn't fit your exact needs, our engineers will tailor a custom solution that you require. Other designs are available for DC power sources. Call 814-272-SPMS and speak to Sales Representative today to create your perfect power distribution solution!