380 Volt DC Rack Mount Power Strips

High Voltage DC Rack Mount Power Strips with Fuse or Circuit Breaker Protection

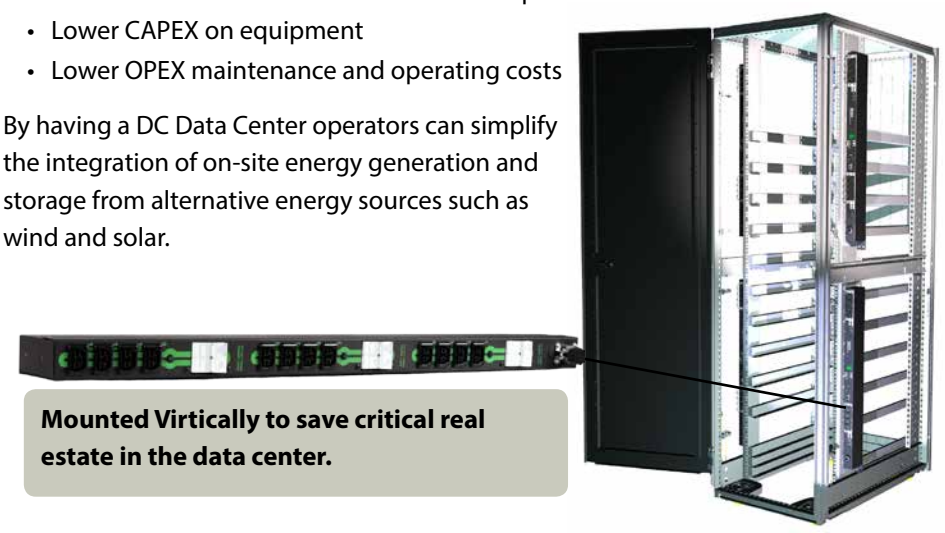
The API Technologies 380VDC Rack Mount Power Strips are designed to be hard wired into the main power infrastructure and provide a total of 30A or 60A of power via Anderson Power Products connectors. The outlets are divided up into load banks containing a choice of outlets based on size and are protected by a choice of fuses or UL1077 breakers.

Traditional DC power distribution units are mounted horizontally. In order save valuable rack space for other critical devices, we created a design with a slim 0U package that is mounted vertically as shown in the image below.

The API Technologies 380VDC Power Strip is a key component in modern DC Data Center Solutions. 380VDC has the best balance of economics and safety for standardized components. Using DC power in Data Centers reduces total cost of ownership (TCO) by

- Reducing the number of power conversions lowers HVAC costs
- Extends life of critical infrastructure
- Lower infrastructure costs for data center space needs
- Lower CAPEX on equipment
- Lower OPEX maintenance and operating costs

By having a DC Data Center operators can simplify the integration of on-site energy generation and storage from alternative energy sources such as wind and solar.



Mounted Virtically to save critical real estate in the data center.

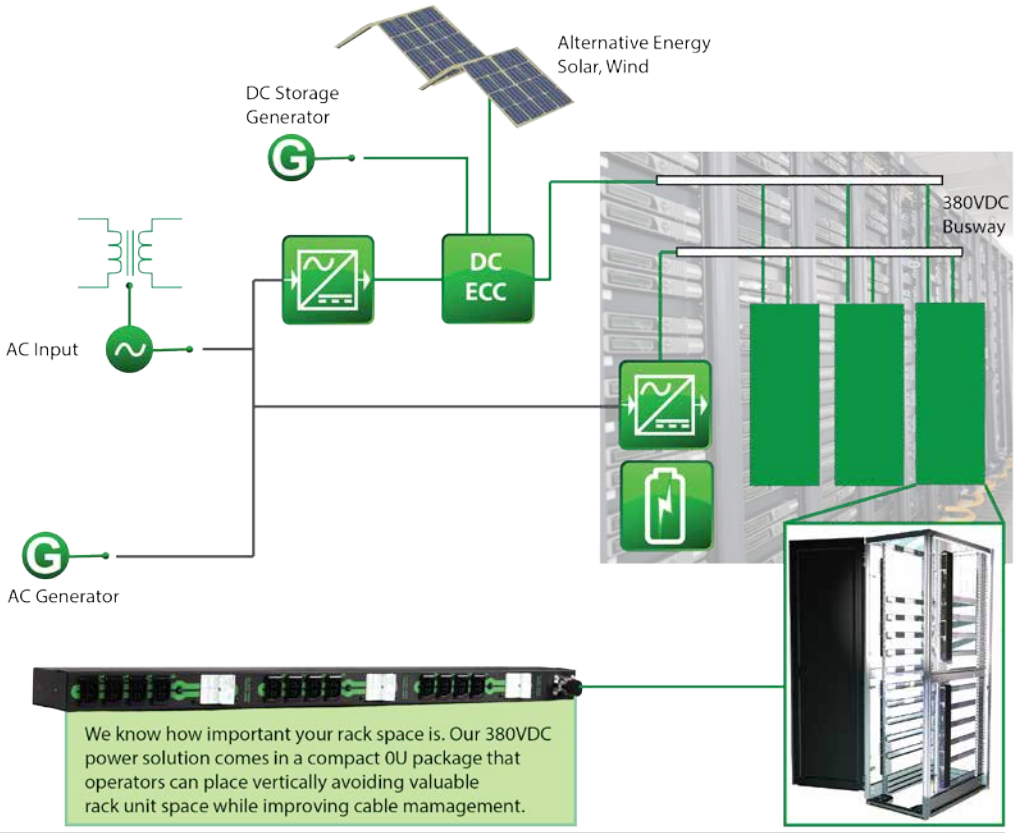
Features

- 380 Volts DC with of 30A or 60A options
- Overvoltage protection with a choice of either Fuses or circuit breakers
- 1.73" wide saves valuable "U" space. Available with or without a power entry cord.
- Panel Indicator with Power-on, LEDs
- EMI filtering to protect against noise and interference from other electronic devices.
- This product can be modified in color, shape, outlet style, power inputs, and more.

Basic Power Strip 1U Specifications

Part Number	Input Power	Output Power	KVA	Receptacle	Dimensions W x H x D inch	Temp range	Breakers	Input Plug/ Cord
74D-160FE12VE	380 VDC 60A Max Total	380 VDC 60A Total Load	22.8	3 x 4 APP SAF-D-Grid	33 x 1.73 x 3.25	0 - 50 C	(3) x 20A 2 Pole Fuse	5' (1.5m), #8/3 Type W cord
74D-160BE12VE	380 VDC 60A Max Total	380 VDC 60A Total Load	22.8	3 x 4 APP SAF-D-Grid	33 x 1.73 x 3.25	0 - 50 C	(3) 2P-20A UL1077 Circuit Breaker	5' (1.5 m), 3C 6AWG Type W Cable
74D-160FE42VE	380 VDC 60A Max Total	380 VDC 60A Total Load	22.8	3 x 14 APP SAF-D-Grid	70 x 1.73 x 3.25	0 - 50 C	(3) x 20A 2 Pole Fuse	10' (3m), 3C 6AWG Type W Cable
74D-160BE42VE	380 VDC 60A Max Total	380 VDC 60A Total Load	22.8	3 x 14 APP SAF-D-Grid	70 x 1.73 x 3.25	0 - 50 C	(3) 2P-20A UL1077 Circuit Breaker	10' (3m), 3C 6AWG Type W Cable
74D-130FE18VC	380 VDC 30A Max Total	380 VDC 30A Total Load	11.4	2 x 9 APP SAF-D-Grid	33 x 1.73 x 3.25	0 - 50 C	(2) x 5A 2 Pole Fuse	Connector APP Saf-D-Grid
74D-130BE18VC	380 VDC 30A Max Total	380 VDC 30A Total Load	11.4	2 x 9 APP SAF-D-Grid	33 x 1.73 x 3.25	0 - 50C	(2) 2P/5A UL1077 Circuit Breaker	Connector APP Saf-D-Grid
74D-130FE24VC	380 VDC 30A Max Total	380 VDC 30A Total Load	11.4	3 x 8 APP SAF-D-Grid	66 x 1.73 x 3.25	0 - 50 C	(3) x 10A 2 Pole Fuse	Connector APP Saf-D-Grid
74D-130BE24VC	380 VDC 30A Max Total	380 VDC 30A Total Load	11.4	3 x 8 APP SAF-D-Grid	66 x 1.73 x 3.25	0 - 50 C	(3) 2P/10A UL1077 Circuit Breaker	Connector APP Saf-D-Grid

It has been reported that a well designed DC data center can save at least 15% in capital cost, and 20% in installation costs and reduces the facility footprint by at least 25%.



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