ONErack™ Spider
Universal multi-voltage DC power supply

OVERVIEW

ONErack Spider optimizes any installation by eliminating unreliable DC wall warts and other power clutter from the rack design, while also providing reliable power to support a mix of 7 different voltage options; 5v, 7.5v, 9v, 12v, 13.5v, 18v, and 24v. This innovative, multi-voltage design takes the award-winning power capabilities from the ONErack system to a smaller more flexible level!

The ONErack spider is available in a 1RU half rack version (7 modules capacity) or rear strip version (23 module capacity) and can be installed at the back or side of the rack to provide the ultimate installation flexibility.

Choose, ONErack Spider for your mission-critical installations in healthcare, higher-education, broadcast and control rooms.

KEY FEATURES

- ◆ Up to 7 simultaneous DC voltages
- ◆ UL compliant
- ◆ 'Zero space' rear mounting options
- ◆ Surge suppression
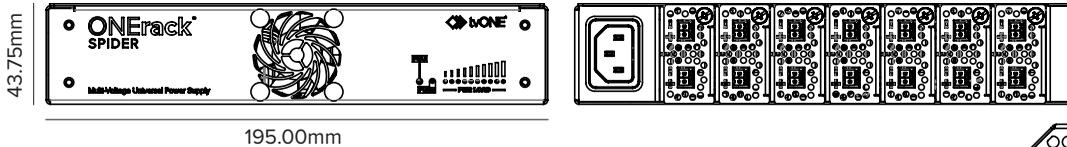- ◆ Overload protection
- ◆ Universal DC power for any brand

Ordering Information

1RK-SPDR-HALF-7	Multi-voltage PSU half rack with 7 voltage module slots; 3 voltage modules included
1RK-SPDR-STRIP-23	Multi-voltage PSU strip with 23 voltage module slots; 10 voltage modules included
1RK-SPDR-PWR	Additional voltage selector module for use with ONErack Spider
RM-660	Front or vertical rear rack mount kit for single & dual 1RK-SPDR-HALF-7
RM-601	Surface rack mount kit, for a single 1RK-SPDR-HALF-7
RM-661	Front or rear rack mount kit with shelf accessory, for a single 1RK-SPDR-HALF-7

SPECIFICATIONS

ONErack Half Rack

Size D+H+W	195mm x 43.75mm x 218mm (7.6 x 1.7 x 8.58 inches)
Weight (empty)	1.95Kg
Max voltage modules	3 (expandable to 7)
Power per module	max 35w
Connectors	2-pin 3.5 mm detachable terminal block, (2 per module)
DC output ports	14 max (2 per module)
DC Voltages per slot	5v@7A, 7.5v@4.7A, 9v@3.9A, 12v@2.9A, 13.5v@2.6A, 18v@1.9A, 24v@1.5A
Certifications	CE, CB, UL
Main output power	250w
Active cooling	yes, front to back
Fan noise	24dB(A)
BTU	1024 BTU
AC input Voltage	90-264v AC @ 2.75A max
Thermal	0º - 40º C
Humidity	10% to 85%, Non-condensing
Altitude	< 2000m
AC Surge and Overload Protection	MOV
DC Overload protection	Auto-resetting PTC on each DC output
Power Extension	Up to 20ft, 7AWG for + & - will result in 3% or less drop Up to 40ft, 4AWG for + & - will result in 3% or less drop
MTBF	TBD

ONErack Power Strip

Size D+H+W	609.6mm x 103.4mm x 89.75 (24 x 4 x 3.5 inches)
Weight (empty)	4kg
Max voltage modules	10 (expandable to 23)
Power per module	max 35w
Connectors	2-pin 3.5 mm detachable terminal block, (2 per module)
DC output ports	46 max (2 per module)
DC Voltages per slot	5v@7A, 7.5v@4.7A, 9v@3.9A, 12v@2.9A, 13.5v@2.6A, 18v@1.9A, 24v@1.5A
Certifications	CE, CB, UL
Main output power	400w
Active cooling	yes
Fan noise	24dB(A)
BTU	1706 BTU
AC input Voltage	90-264v AC @ 5.5A max
Thermal	0º - 40º C
Humidity	10% to 85%, Non-condensing
Altitude	< 2000m
Surge Suppression	MOV
Overload Protection	Auto-resetting PTC on each DC output
Power Extension	Up to 20ft, 7AWG for + & - will result in 3% or less drop Up to 40ft, 4AWG for + & - will result in 3% or less drop
MTBF	TBD

ONErack Spider Half Rack

43.75mm

195.00mm

ONErack Spider Power Strip

43.75mm

89.75mm

103.40mm

609.6mm