

ONERack™ Dual Redundant Hot Swappable Power Supply

Mounting, powering and cooling system for small devices

Key Features

- Available in 3 sizes; 4RU, 5RU, 6RU
- 450w of Main Output Power
- Hot swappable
- Dual redundant
- Load sharing
- DC power conditioning
- AC Surge protection
- DC surge protection
- LED Load Indicators
- LED Fault Indicators
- Fault Relay
- Resettable fuses
- Provide 2 different voltages to each slot at the same time
- Each slot has 7 different voltage settings
- Fast easy installation of small devices
- Simple, time saving serviceability



Overview

The ONERack is now ready for mission critical applications! This universal, powered mounting system already improves rack installation of small devices but now you can add redundancy to equipment, never before possible. But not just redundancy – a whole lot of protective features for half rack and smaller devices, like DC power conditioning, load sharing, surge protection and resettable fuses. The new 450w Dual Redundant, Hot Swappable Power Supply fits into any ONERack Chassis 4RU, 5RU and 6RU, which can hold up to 16 modules with up to 2 voltage selectors each. When using a ONERack Power Supply, each voltage selector, can provide power @ 5v, 7.5v, 9v, 12v, 13.5v, 18v, & 24v - each up to 35 watts. tvONE's patent pending design converts devices from any manufacturer into slide-in modules that can be installed quickly and cleanly. For service, just slide out a failed device, no cable ties, no guessing. Close the front of your ONERack with a Fan cover and keep it all cool. Up to 32 devices in just 4RU, redundantly powered and cooled!

Specifications

Size D+H+W	4RU; 13.8 x 6.85 x 3.66" (350 x 174 x 93mm) 5RU; 13.8 x 8.60 x 3.66" (350 x 219 x 93mm) 6RU; 13.8 x 10.35 x 3.66" (350 x 263 x 93mm)
Weight	TBD
Main Output voltage	28v DC
Main output power	450w
Dual redundant	yes, 2x 450w front removable cartridges
Hot Swappable	yes, 2x front removable cartridges
Load sharing	yes, max 450w on main output power
Active cooling	yes, 1x fan per removable PSU cartridge
Fan output voltage	12v DC (2-pin 3.5 mm detachable terminal block)
Fan output power	11w per output
IEC inlets	2x
BTU	1706 BTU
Certifications	RoHS, CE, UL, FCC Class A
AC input Voltage	90-264v AC
Thermal	0° - 40° C
Outlets Available	2x 28v DC daisy chainable (rear) 4x fan 12v DC (1x front, 3x rear) 1x 28v DC service output (front)
Fault Relay	2-pin 3.5 mm detachable terminal block 1A 30v AC/DC Normally open, closed on fault MOV arc suppression across contacts
Power per dock	max 35w
Power per slot	two voltage selectors @ 35w each (2 nd Voltage Selector is optional)
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 & Pass Thru

1RK-4RU-PSU-2-HSWP 1RK-5RU-PSU-2-HSWP 1RK-6RU-PSU-2-HSWP	The ONERack Dual Redundant Hot Swappable PSU; contains Dual 450w power supply, chassis mounting accessories, and cables
1RK-4RU-BASIC-KIT 1RK-5RU-BASIC-KIT 1RK-6RU-BASIC-KIT	The ONERack Basic Kit contains: 1 ONERack chassis & 6 modules.
1RK-4RU-FAN 1RK-5RU-FAN 1RK-6RU-FAN	The ONERack Fan cover contains 1 fan cover & PSU connector cable to be powered by 1RK-XRU-PSU
1RK-4RU-CVR-BLK 1RK-5RU-CVR-BLK 1RK-6RU-CVR-BLK	A Blank cover for your ONERack Chassis
1RK-4RU-CVR-PLEXI 1RK-5RU-CVR-PLEXI 1RK-6RU-CVR-PLEXI	A Windowed cover for your ONERack Chassis
1RK-CBL-MGMT	Adjustable cable management accessory, attaches to rear of any ONERack chassis

Rack it. Power it. Cool it. Do it, with ONERack.

