



info@ionups.com.au
www.ionups.com.au

P: 1300 700 805

Fortress 500 G6

Data Centre In a Rack

3.5kW Edge Rack Solution



ION Fortress 500 offers you all the capability of a reliable data centre in a small, easy to manage and easy to deploy solution. This complete IT infrastructure acts like a data centre but in a rack™ incorporating power, thermal management, power distribution and monitoring in a sound attenuated enclosure. Perfect for businesses that want to take back their bricks and mortar eliminating any need to build additional server rooms for Edge of the Cloud applications. ION Fortress 500 is preconfigured, pre-installed and factory tested, ensuring system compatibility and ready to use from installation on day one. Designed to easily take it with you when you move.



Fortress 500 G6 FEATURES

- 3 Year Warranty
- High grade powder coated construction
- Fully contained for dust protection and sound minimisation
- Access control through HID Swipe Card, Local LCD interface, Remote Authentication or physical key
- Environment and security monitoring
- Emergency exhaust venting
- Standard 3kVA online double conversion UPS
- Efficient 3.5kW air cooled rack mount unit / optional water cooled system available
- Power distribution
- 255mm user friendly LCD touch panel

Fortress 500 G6

Data Centre In a Rack

Specifications

Fortress 500 G6	
Enclosure	
Rack Height	42 RU
Useable U (Standard Configuration)	31U
Maximum Depth of Equipment	1023mm
Vertical Cable Managers	2
Audible Noise	< 50dB (Excluding Outdoor Unit)
IP Rating	IP52
Rack Dimensions	W600 x D1200 x H2000mm
UPS	
UPS	3KVA Online Double Conversion/Custom solutions available
Extended Run Time	Custom runtime configurations available
Redundancy	Optional
Maintenance bypass	Optional
Monitoring	
Display Panel	255mm LCD
Access Control	HID Swipe Card Reader, Remote Authentication, key
Sensors	
Environmental	Temperature, Humidity, Smoke, Water
Temperature Sensors	One (1) Outside, One (1) Front Door, One (1) Rear Door, One (1) Supply Air and Return Air
Internal Lighting	LED One (1) Front and One (1) Rear
Cooling	
Cooling Capacity	5U 3.5KW In rack Cooler
Cooling Type	Air Cooled / Optional Water Cooled
Refrigerant	R410A
Emergency Exhaust Fans	Two (2) Independent Temperature Controlled Exhaust Fan (Front and Rear)
Condenser Dimensions	W546 x D279 x H783mm
Power Distribution	
Surge Protection	Level 3 20KA
Distribution	3U rack mount distribution module including Schneider input / output circuit breakers
System Input Breaker	63Amp
Nominal Voltage / Frequency	240VAC, 50Hz
Power Distribution	Two (2) Basic vertical PDU's 4 x C19, 12 x C13 outputs Optional Metered or Switched PDUs
Fire Suppression	
Fire Suppression	Optional 2U Rack Mount Novec 1230
Conformance	
Safety Standards	EN 60950-1:2006+A11:2009+A1:2010+A12: 2011+A2:2013
EMC Standards	EN 55022:2010 EN 61000-3-11:2000, EN 55024:2010 EN 61000-3-12:2011
Warranty	3 Year Warranty*

*Product specifications are subject to change without further notice.

*3 Year Warranty based on Fortress being under a maintenance contract for the Cooling and UPS component.