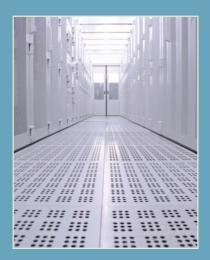


DATA SHEET

IPHH DATACENTER HH3





The cold aisle containment is a state-of-the-art solution for energy efficiency and cold air distribution.



Easy interconnection is a top priority at IPHH. A large number of carriers are present in our datacenters.

> PHYSICAL

- 1300 m² datacenter with 20 kN/m² loading capacity.
- Height 3300 mm from top of raised floor.
- 500 mm raised floor.

> ENVIRONMENT / AIR-CONDITIONING

- N+1 air conditioning system with 100% free-cooling capability.
- Cold aisle containment for optimized air-flow.

> MAINS POWER

- Supply via redundant underground 10kV grid.
- Redundant N+1 10 kV/400V transformer station.

> GENERATORS

- 2x 1000 kVA (maximum 3x) power generators N+1.
- Automatically feed 100% of the facility within 30 seconds.
- Generator tested monthly under lifelike conditions.
- Fuel storage sufficient for 24 hours continuous operation at 100% load.
- 24 x 7 SLA with local fuel supplier.

> UPS / POWER

- Up to 6x 500 kVA UPS modules providing with N+1 redundancy.
- 10 minutes of battery autonomy per UPS module.
- Redundant power distribution.
- Single-circuit rack metering for billing and monitoring.

> FIRE STRATEGY

- Use of non-flammable and low smoke/zero halogen material.
- No storage within technical areas.
- F90 sealed fire compartments.
- VESDA ® Very Early Smoke Detection (VdS approved).
- Smoke detectors on ceiling and inside raised floor.
- Fire protection certificate.
- Nitrogen extinguishing system (TÜV approved).





The IPHH Datacenter HH3 is situated at Wendenstrasse 251. This location is designed as a highly redundant site. Security staff is on site 24/7 to provide additional security for the location.

> MONITORING

- 24/7 guarded location by security service.
- Full network monitoring.
- Infrastructure monitoring (e.g. generator status, power meters, air-conditioning, CCTV status, intruder detection system, temperature inside and outside cold-aisles).

> RACK-DEPLOYMENT

- Facility suitable for racks/cabinets (47U) of up to 2200 mm in height and 1200 mm in depth.
- Power distributed within raised floor. Fiber and copper cabling distributed overhead.
- Diverse redundant fiber entry points to the building.

> REMOTE-HANDS AVAILABILITY

- Remote hands available 8/5 during business hours (30 minutes max response time)
 or 24/7 (depending on SLA, 1 hour max response time).
- Linux- and Cisco Systems-certified staff available 24/7.
- Large number of carriers to choose from and to interconnect with Campus fiber infrastructure to connect to all IPHH datacenter locations in the area.



We use certified current meters per customer and circuit for monitoring and billing.

> GENERAL FACILITIES

- Sanitary area for datacenter customers.
- Equipment delivery 24/7 possible after advance notice.
- Temporary storage space.
- Certified to ISO/IEC 27001:2013 for all IPHH facilities.

> LAST UPDATE 04.2020