

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.

> 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.



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

> LAST UPDATE 04.2020