

240 kW Hybrid Air + Liquid AI Rack Emulator

Controlled electrical demand and combined air/liquid heat rejection for pre-production commissioning of high-density AI infrastructure.

TOTAL LOAD
240 kW

LIQUID / AIR
192 / 48 kW

VOLTAGE
380–480 V

RESOLUTION
1 kW

Built to prove power + cooling before the servers arrive

Hybrid rack-scale architecture combines liquid-cooled and air-cooled resistive loading.

Supports staged demand for rack power paths, CDU response, secondary-loop performance and redundancy testing.

Local touchscreen and optional remote control support commissioning execution.

Electrical and liquid-side operating parameters can be observed during controlled load testing.



TECHNICAL SPECIFICATIONS

Rated power	240 kW
Cooling split	192 kW liquid + 48 kW air
Rated voltage	AC 380 / 400 / 415 / 480 V
Loading resolution	1 kW
Reference dimensions	600 × 1200 × 2300 mm
Power factor	1.0 resistive load
Control	Local touchscreen; remote control optional
Monitoring	Voltage, current, active power, frequency, liquid-side temperature, flow and pressure functions
Protection	Over-voltage, over-current, over-temperature, overload, low-flow, high-temperature and leak protection
Environment	+5°C to +50°C; RH ≤ 90%; altitude ≤ 1500 m
Enclosure	IP20 indoor

COMMISSIONING APPLICATIONS

- AI hall pre-commissioning
- CDU + secondary-loop validation
- Rack power-path testing
- Thermal response testing
- Functional / integrated test support

AMOR PROJECT DELIVERY SUPPORT



CONFIGURE
Project requirements +
equipment selection



MOBILIZE
Delivery + temporary
interface coordination



SUPPORT
Setup + operation +
troubleshooting



INTEGRATE
Work under the approved
project test plan



Product appearance and interfaces may vary by project. Connectors, hoses, controls, documentation and application notes are finalized to suit the approved commissioning plan.