

7kW Smart Rack Load Bank

About product

The 7kW connected rack load bank is used as a server simulator to test the resilience of electrical & thermal infrastructures in white halls.

The 19" load bank integrates directly into the data center rack cabinet and precisely simulates electrical & thermal impacts of the servers.



Description Technique

| Info | Value | Info | Value |
|----------------------------------|--|---------------|---|
| Nominal Power | 7 kW | Height | 10U (445 mm) |
| Max voltage | 230 V- Single Phase – 50/60Hz | Depth | 545 mm |
| Resolution | 0.5 kW | Width | 19" (430 mm) |
| Steps | 0.5 / 1 / 2 / 3.5 kW | Installation | Rack Shelf |
| Power Supplies | Redundancy (A – B) | Weight | 17 kg |
| Average DeltaT° Real Delta T° | Fixed or ajustable between 10°C&26°C * 10°C for 6kW | IP | IP 23 |
| Air Flow (motor speed) | Variable – max 1700 m³/ h | Design | Aluminium Epoxy |
| Ventilation | Forced variable fans | Handling | Lether handle/ design thinking |
| Security | Temperature light | Manufacturing | Made in France |
| Noise | 85 Db | Software | Monitoring reporting (U, I, P, In/Out °C, ΔT) + data record + csv file |

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Product accessories

Cables

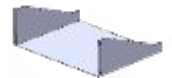
- C19-C20 / C19-UTE / P17 Mono 2 x C19
- Cable RJ45 to connect the load banks

Shelves 19 or 21 inches

Temperature sensors (datalogger)

Rentaload software for smart load banks updated with windows license provided by Rentaload

Switch for connection of several banks



Connection



Auxiliary Supply

A : C20 bases

B : C20 Bases

RJ45

Rentalab, the monitoring software from Rentaload

- Pilot 200 load banks at the same time
- 8 groups of banks
- Real-time data view
- Editing test reports

