

## 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  |
|------------------------|--|
| Nominal Power          | <b>7kW</b>   |
| Max voltage            | <b>230 V- Single Phase – 50/60Hz<br/>400V if 3 banks</b> |
| Resolution             | <b>0.5 kW</b>  |
| Steps                  | <b>0.5 / 1 / 2 / 3.5 kW</b>                              |
| Power Supplies         | <b>Redundancy (A – B)</b>                                |
| Average Delta T°       | <b>Fixed or selectable between<br/>9° C and 26° C</b>    |
| Air Flow (motor speed) | <b>Variable – max 3250 m³/ h</b>                         |
| Ventilation            | <b>Forced variable fans</b>                              |
| Security               | <b>Temperature light</b>                                 |
| Noise                  | <b>85 Db</b>   |

| Info          | Value   |
|---------------|---|
| Height        | <b>10U (444,5mm)</b>  |
| Width         | <b>400 mm</b>   |
| Depth         | <b>19" (486.2 mm)</b>   |
| Installation  | <b>Rack Shelf</b>   |
| Weight        | <b>17 kg</b>  |
| IP            | <b>IP 23</b>  |
| Design        | <b>Aluminium Epoxy</b>  |
| Handling      | <b>Lether handle/ design thinking</b>   |
| Manufacturing | <b>Made in France by Metal Deploy Resistor</b>                                |
| Software      | <b>Monitoring reporting (U, I, P, In/Out °C, Δθ) + data record + csv file</b> |

## 7kW Smart Rack Load Bank

### Product accessories

#### Cables

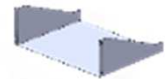
- C19-C20 / C19-C14 / C19-UTE
- Cable RJ45 to connect the load banks

Selbs 19 or 21 inches

Temperature sensors (datalogger)

Rentaload software for smart load banks updated with windows (vinjioxl) license provided by Rentalload

Switch for connection of several banks



### Connection



Auxiliary Supply

A : C20 bases

B : C20 Bases

RJ45

### Rentalab, the monitoring software from Rentalload

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

