

## Rack load bank 6 kW DC

### About

The 6kW DC Rackmount Load Bank was designed and developed specifically for DC powered Edge Data Center testing. It acts and reacts like a real server simulator and allows you to test the resilience of electrical & thermal infrastructures.

The 19" bank fits directly into data center racks and accurately simulates the electrical and thermal impacts of servers.



### Technical Description

| Info               | Value                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| Nominal Power      | <b>6 kW</b>                                                                                                  |
| Operationg voltage | <b>Nominal voltage: 48 V DC<br/>Operating range 36 à 52 V DC,<br/>terminals + common</b>                     |
| Resolution         | <b>0,5 kW</b>                                                                                                |
| Steps              | <b>4 steps : 0,5 / 1 / 2 / 2,5 kW</b>                                                                        |
| Power supplies     | <b>Redundancy (100% channel A or<br/>100 % channelB or 50%/50%)</b>                                          |
| Medium Delta T°    | <b>Variable, 12 K fully loaded</b>                                                                           |
| Fan motor airflow  | <b>Variable 4 positions by speed<br/>selector on the front<br/>Maximum theoretical flow : 2 705<br/>m3/h</b> |
| Ventilation        | <b>Forced horizontal ventilation</b>                                                                         |

| Info            | Vallue                   |
|-----------------|--------------------------|
| Height          | <b>14U (539 mm)</b>      |
| Depth           | <b>544 mm</b>            |
| Lenght          | <b>19" (483 mm)</b>      |
| Bay integration | <b>Shelf « clip-on »</b> |
| Weight          | <b>28 kg</b>             |
| Protection sign | <b>IP 20</b>             |
| Finishing       | <b>Aluminium Epoxy</b>   |
| Handling        | <b>Poignée cuir</b>      |
| Manufacturing   | <b>Made in France</b>    |

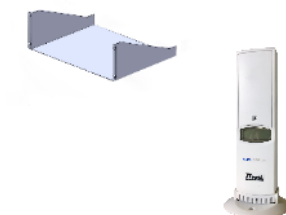
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### Product accessories

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- Holding shelves in 19 or 21 inch bay
- Optional external temperature sensors (measurement unit)



### Bank connection

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#### Cables

- 1 power lock + and 1 power lock – per channel, terminal + common to channels A and B
- Connection with 50 mm<sup>2</sup> section cables (max length 15 ML)

