

7 kW Rack Mounted Load Bank

About product

The 7 kW 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.



Technical description

| Info | Value |
|------------------------|--------------------------------------|
| Nominal Power | 7 kW |
| Max voltage | 230 V- Single phase – 50/60Hz |
| Resolution | 0.5 kW |
| Steps | 0.5 / 1 / 2 / 3.5 kW |
| Power Supplies | 2 x C20 outlets |
| Average Delta T° | (see next page) |
| Air Flow (motor speed) | 750 m3/h |
| Ventilation | Forced horizontal |
| Security | Temperature indicator |
| Noise | 65 dB |

| Info | Value |
|---------------|---------------------------------------|
| Height | 5U (225 mm) |
| Depth | 545 mm |
| Width | 19" (430 mm) |
| Installation | Rack shelves |
| Weight | 13 kg |
| IP | IP 23 |
| Design | Aluminium Epoxy |
| Handling | Lether handle/ design thinking |
| Manufacturing | Made in France |

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Product accessories

Dual power supply STS

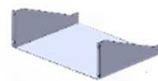
Cables

- C19-C20/ C19-UTE / P17 Mono 2 x C19

Shelf 19 ou 21 inches

Rack cabinet shutters in option

Temparture sensors in option



Connection



Thermal dissipation

| Charge | Empty | 0.5kW | 1kW | 2kW | 3.5kW | Full charge |
|-------------------|---------|--------|--------|--------|--------|-------------|
| Voltage | 230V | 231.5V | 230V | 231.5V | 231V | 230V |
| Nominal intensity | | 2.17A | 4.35A | 8.70A | 15.21A | 30.40A |
| Nominal intensity | | 2.42A | 4.60A | 9.09A | 15.78A | 31.2A |
| Power | 0.06 kW | 0.56kW | 1.06kW | 2.10kW | 3.65kW | 7.18kW |
| Delta T° Found | 0°C | 6°C | 10°C | 21°C | 26°C | 34°C |