

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	85 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

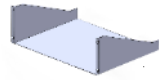
Cables

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

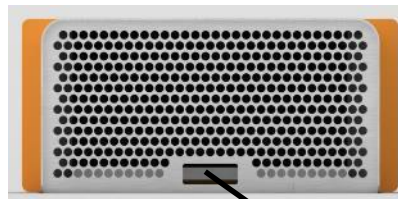
Shelf 19 ou 21 inches

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