

21 kW smart load bank tower – Low Delta T

About the product

The 21kW smart load-bank tower serves as simulator to test generators, UPS or other electrical & thermal infrastructures.

This new designed tower is a mini-rack equipped with 3 x 7 kW in order to be able to properly balance the 3 phases. Equivalent to 21 kW floor units, the smart tower provides lower Delta T and is also equipped with ATS if required.



Technical Description

Info	Value
Nominal Power	21 kW
Max voltage	3 x 230 V Single phase – 50 Hz 400V Triphase – 50 Hz
Resolution	0,5 kW
Steps	4 steps : (0,5 / 1 / 2 /3 kW) x 3
Power Supplies	2 redundant inputs (3 x mono 32A Hypra P17)
Average Delta T°	Depending on the load. Between 10 (at 1/2 load) to 23K at full load
Air Flow	2 580 m3/h
Ventilation	Forced horizontal
Security	Temperature indicator

Info	Value
Height	1031 mm
Depth	569 mm
Width	650 mm
Weight	~ 69 kg
IP	IP 23
Painting	Aluminium Epoxy
Handling	On wheels
Manufacturing	Made in France

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Product accessories :

Cables

- Commando : 3 x 32A Mono – P17 Triphase 32A
- Extension cable : 32A Mono female 3/ 32A Mono male
- C19 / C20 16 AMps



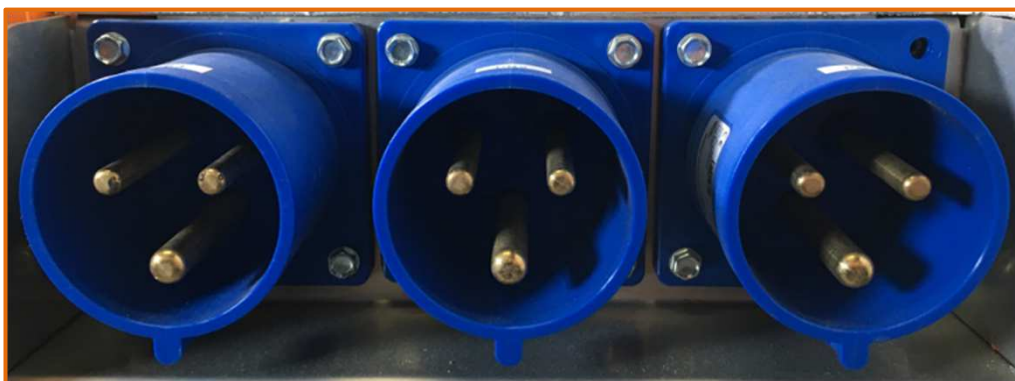
Electrical cabinet with safety circuit breaker

- Possibility of connecting 10 Smart Towers



Connection

Per lane (A or B) :



Mono 32A Phase 1

Mono 32A Phase 2

Mono 32A Phase 3