

TECHNICAL SUMMARY SHEET

RACK 6/230 19" RACK MOUNTED

SERVER SIMULATOR



Type Ref	RACK 6/230
Max Voltage	230 volts, single phase 50/60 hz
Full Load Rating	Nominal: 6080W - 29A - 230V single phase
Controls	2 separate 3000W loads at 230V Each load adjustable in 3 steps of 1000W
Adjustment	6x 1000W steps, selected via panel
Connection	Two C20 panel mounted sockets for each independent load channel
Cooling	2 low noise, horizontal force air cooling fans, powered from the test source. Cool air intake at front, hot air exhaust at rear.
Airflow	1 x 2 x 600 m3/h, total airflow 1200 m3/h
Element Type	The resistor mounted on the mica composite card
Dimensions & Weight	7U (310mm high x 250mm deep plus handles) 19" rack assembly. Weight 12 kgs
Construction	Steel, with powder coated yellow gloss finish front panel. Enclosed tray assembly with rear grill
Operating Temperature	0-45°C/0-113°F
Storage Temperature	0-80°C/0-176°F
Movement	Front handles for slide in assembly to 19" racks
Optional Extras	Cables: 1 phase

Adjustable Airflow/ Heat Dissipation per RACK 6/230

Kw Load	Delta T range from 454 to 908 CMH	
	Minimum	Maximum
1.0KW to 2.0KW to 3.0KW	6°C/43°F	12°C/54°F
4.0KW to 5.0KW to 6.0KW	11°C/52°F	17°C/62°F

Environmental Air Temperatures

Cold Aisle Temperature Range	Ashrae 18° -27-C / 64°F- 8 °F
IT Equipment Maximum Operating Temperature	> 40° C - C/10 ° - F
Adjustable Cold Aisle AT Range	AT 6°C -20 C/43 F 68°F

Load 1 – 1,0 + 1,0 + 1,0 summary 3,0

socket C20

Load 2 – 1,0 + 1,0 + 1,0 summary 3,0

socket C20

The RACK 6/230 is a 7U 19" load bank designed to simulate IT server operation as part of the testing and commissioning of the data hall

