

Empty Data Halls with PDU / Tap Off Boxes

The HMT20 Mini Tower is a portable 20KW server simulator load bank solution for testing data halls pre fit out of IT equipment.

The HMT20 houses 3 x HAC230-6RM server simulator load banks for flexible single phase and three phase load testing.

Each separate 6RM load of 6.6KW, 28.8A, 230V can be connected, as Fig. 1, to tap off box using 32A, 63A single phase commando sockets.



HMT20 Mini Tower

	Voltage	Amps	Power
HAC230-6RM	230V	9.6A	6.6KW
HAC230-6RM	230V	9.6A	6.6KW
HAC230-6RM	230V	9.6A	6.6KW
		28.8A	20KW

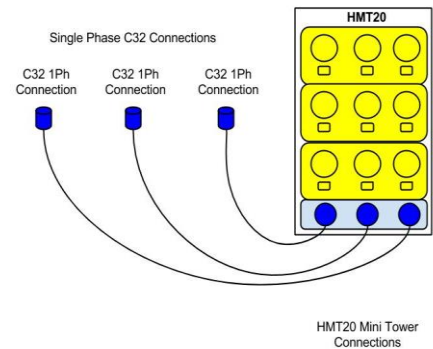


Fig. 1

When a 6RM is connected with three phase connector, as Fig. 2, cables a load of 6.6KW 9.6A 400V can be connected to tap off boxes with either 16A, 32A, 63A three phase commando sockets.

	Voltage	Amps	Power
HAC230-6RM	400V	9.6A	6.6KW
HAC230-6RM	400V	9.6A	6.6KW
HAC230-6RM	400V	9.6A	6.6KW

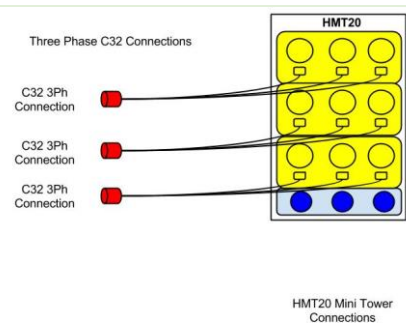
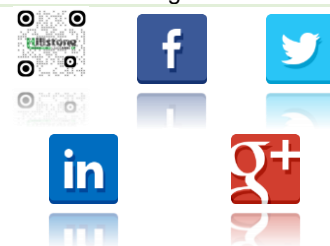


Fig.2



TECHNICAL SUMMARY SHEET

HAC230-6RM 19" RACK MOUNTED SERVER SIMULATOR

HMT20 Specification

Type Ref	HAC230-6RM
Max Voltage	230 volts, single phase 50/60 hz
Connection	Three C32 panel mounted sockets for each independent 6RM load bank
Dimension	545mm Wide x 375mm Deep x 890mm High
Weight	47.5Kgs
Construction	Zintec steel, with powder coated textured finish
Movement	Castors
Optional Extras	Blanking plates for part populated HMT20 Mini Towers

HAC230-6RM Specification

Type Ref	HAC230-6RM
Max Voltage	230 volts, single phase 50/60 hz
Full Load Rating	Nominal: 6666W - 29A - 230V single phase Nominal: 6666W - 9.6A - 400V 3 phase
Controls	3 separate 2222W loads at 230V, each load adjustable in 2 steps of 1111W
Adjustment	6 x 1111W steps, selected via panel mounted illuminated switches
Connection	Three C20 panel mounted sockets for each independent load channel
Cooling	3 low noise, horizontal force air cooling fans, powered from the test source. Cool air intake at front, hot air exhaust at rear.
Airflow	Each fan 144 m3/hr at minimum pressure zero Pa. (Static) Total airflow 432 m3/hr
Air Temperature	ΔT from 6°C to 20°C
Element Type	High temperature ni-chrome tape wound mounted on mica composite card.
	4U (176mm high x 250mm deep plus handles) 19" rack assembly. Weight 8 kgs
Construction	Zintec steel, with powder coated yellow gloss finish front panel. Enclosed tray assembly with rear grill
Operating Temperature	0 - 35°C
Storage Temperature	0 - 80°C
Movement	Front handles for slide in assembly to 19" racks or Hillstone Mini Towers
Optional Extras	Cables – 1phase 3 phase, Branding, Alternative voltages

Adjustable Airflow / Heat Dissipation per HAC230-6RM

Kw Load	Delta T Range From 144 to 432 CMH	
	Minimum	Maximum
1.1KW to 2.2KW	6°C	12°C
3.3KW to 4.4KW	10°C	15°C
5.5KW to 6.6KW	14°C	20°C