

CRESSALL

data sheet

DUAL30



PORTABLE LOAD BANKS

120/240V AC or DC, 30kW

Compact • Self-contained • AC or DC operation • Portable

Cressall's Dual 30 load bank is designed for testing AC and DC systems, including batteries, uninterruptible power supplies (UPSs) and stand-by generators at variable powers of up to 31.5kW continuous and at either of two operating voltages.

All units are fan-cooled, with a single horizontally-blown axial fan. The fan supply is taken from an auxiliary 230V AC supply. Units are fitted with over temperature protection.

To reduce weight the enclosure is manufactured from aluminium, units are fitted with handles and castors to ease manoeuvrability. Load banks are supplied with two power cables and a single phase power connector for the auxiliary supply.



Capacity

Power supply: 120/240V AC, 1 phase and DC

Power: 31.5kW

Fixed sections: 0.5, 1, 2, 4, 8 and 16kW

Resistor

Cressall fan cooled resistor elements made from low temperature coefficient, high grade stainless steel.

Cooled by 300 mm axial fan, powered from external supply.

Overtemperature protection. Insulating voltage 750V.

Controls

Fixed sections: 12 pushbuttons

Indication: Indicating light for connected section

Voltmeter: 0-300V

Ammeter: 0-300A

Ammeter Shunt

Rating: 250A/75mV

Connections

Main circuit 2 x 70mm² cable, 2.5m long

Metering circuit: 4 mm banana socket

External supply: 110/240 VAC, 1 ph

Case

Grey aluminium case with mesh over air duct on 4 omni-directional wheels.

Carrying handle and cable stowage facility.

Ingress protection IP 20

Dimensions

(H-W-D) 800 x 500 x 600mm • Weight 50kg

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