

AC30

PORTABLE LOAD BANKS

230/400V, 15/30kW

Compact • Self-contained • Single or three phase • Portable

Cressall's AC30 load bank is designed for testing single or three-phase AC systems rated at up to 30kW, including batteries, uninterruptible power supplies (UPSs) and stand-by generators.

Features include full instrumentation and the ability to set unbalanced loads. The AC30 is cooled by four 150mm axial fans, which help to ensure a compact design. The fan supply is taken from the test load itself. Units are fitted with over temperature protection.

To reduce weight enclosures are manufactured from aluminium and fitted with handles and have castors to ease manoeuvrability. Load banks are supplied with one cable and connector.

Capacity

Power supply: 230/400V AC 1/3 phase

Power: 15/30kW

Fixed sections: 1, 2 x 2, 5 and 2 x 10kW

Resistor

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

Cooled by four 230V AC fans, taking their supply from the test load.

Overtemperature protection.

Insulating voltage 750V.

Controls

1 phase/3 phase selector switch

Fixed sections 18 illuminated switches

Voltmeter 0-500V, 48 x 48 mm

Ammeter 3.0-80A, 48 x 48 mm

Frequency meter 45-65Hz, 48 x 48 mm

Short circuit protection

Short circuit protection by 2 MCB's

Input connectors - CEE inlets

Main circuit: 1 phase 230V, 63A 1 pole + earth

Main circuit: 3 phase 400V, 63A 3 pole + neutral + earth

External supply not required

Case

Red metal case with mesh over air ducts on 2 castors

Carrying handle

Ingress protection: IP 20

Dimensions

(H-W-D) 840 x 400 x 560mm • Weight 30kg



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