

AC6 Series

## AC6 Load bank



[www.cpa-ltd.net](http://www.cpa-ltd.net)

**Light weight, compact load bank providing 6kW of load capacity, with a manual control interface.**

### Key features

#### Portability

At 12kg this lightweight, compact unit with lifting handle is highly portable. It neatly fits into site vans for convenience, and is easy to carry to the test locations.

#### Easy to use

Simple manual control interface enables fast set-up. Analogue meters in the AC6 provide clear real-time display of the voltage, current and frequency.

#### Cable stowage

With an integrated compartment to stow the supplied connection cable(s) the AC6 does not take up a lot of space either when in use or when being stored.

#### Site ready

The dual voltage (110V and 230V) version of the AC6 provides the convenience of a single piece of equipment ready to test performance of both 110V equipment and standard 230V supplies.

### Optional extras

- **Supply cables** - made to order to the desired length and with supply side connection method to suit the intended use.
- **PVC storage cover** - available for protection during transport or storage.



## Voltage rating options

The AC6 is available in 2 standard versions with the following voltage ratings:

Dual; 110V and 230V  
Single; 230V only

Both versions are suitable for frequencies of 50Hz or 60Hz. Other voltages and frequencies are available on request.

## Power ratings

	110V AC 1-phase	230V AC 1-phase
Maximum capacity, kW	3.3	6
Load step resolution, kW	0.30	0.33

## Control and ventilation

Manual controls	6 x Load section toggle switches Single; 1 x on/off MCB switch Dual; 1 x 110/off/230 rotary selector switch
Control interface	Manual control (described above) 1 x Analogue volt meter 1 x Analogue frequency meter 1 x Analogue current meter
Cooling	Forced convection, horizontal cooling
Fan(s)	1 x AC axial type
Control supply	230Vac 1-phase
Source	Internal, taken from supply under test

## Connection interfaces

Load connections	Single; 1 x 1.5m integrated lead with 230V 32A IEC60309 inline socket (1P+N+PE)  Dual; as single plus 1 x 1.5m integrated lead with 110V 32A IEC 60309 inline socket (1P+N+PE)
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## Operating environment

Suitable for	Indoor use only
Ambient temperature	-10°C to 50°C
Humidity	95% RH
Ingress protection	IP20

## Construction

Resistor elements	Wound steel tape
Element material	High grade stainless steel
Enclosure	Aluminium, painted RAL9002 grey
Portability	1 x protective lid with integrated carry handle

## Weight and dimensions

See general arrangement drawing reference 161471

Length, mm	495
Width, mm	220
Height, mm	550
Weight, kg	12

## Safety

Electrical protection	Short circuit protection via MCB(s)
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## Testing and standards

Every unit is subjected to routine testing before dispatch, including functional operation, electrical insulation testing and visual inspection.

Declaration of conformity document reference: 161472



## Documentation

Supplied with an operation and maintenance manual and routine test report as standard.

## Training and support

Training can be provided by the manufacturer at our headquarters or on-site, please contact our support team to find out more.

## Warranty

The equipment is covered by a 12-month warranty.