

DC110 Series

## DC110 Load bank



**Light weight, compact load bank  
providing 3kW of load capacity;  
120A from a 28V source.**

### Key features

#### Portability

Lightweight enclosure manufactured from aluminium and fitted with a carrying handle on the removable lid, which is also used for cable storage.

#### Easy to use

Load banks are supplied with two power cables with quick release connectors. Included with the unit is one set of (2 x) 25mm<sup>2</sup> cable, 2.4m long with M10 lugs for supply side connection.

#### Precise control

6 switched load steps including a fully variable section provide a load bank with precise control.

#### Current measurement

Fitted with a DC shunt for accurate current monitoring, the DC110 provides 2 banana plugs for connection to an external display and/or logging system.

### Optional extras

- **Additional supply cables** – available in 5m lengths as standard or made to custom length if requested, with supply side connection method to suit the intended use.
- **Protective PVC cover** - available for protection during transport or storage.



## Ratings

Voltage, V DC	28
Maximum capacity, kW	3.36
Current range, A	0.6 to 120

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## Control and ventilation

Manual controls	6 x Load section toggle switch 1 x Rheostat variable section control
Control interface	Manual controls (described above) 1 x Current shunt with 100A/100mV ratio
Cooling	Forced convection, horizontal orientation
Fan(s)	2 x DC axial type
Control supply	24V DC
Source	Internal, taken from supply under test

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## Connection interfaces

Load controls	2 x Quick release connectors (1 cable set included)
Measurement connections	2 x 4mm Banana sockets

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## Safety

Electrical protection	Over current and short circuit fuse protection
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## Operating environment

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

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## 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

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## Weight and dimensions

See general arrangement drawing reference 161509	
Length, mm	400
Width, mm	200
Height, mm	500
Weight, kg	10

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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: 161510



## 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.