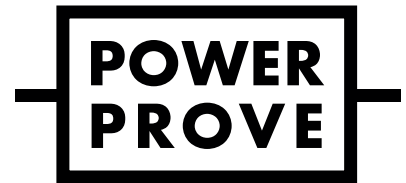


DC220 Series

## DC220 Load bank



**Light weight, compact load bank providing 10.5kW of load capacity; 210A from a 50V source.**

### Key features

#### Portability

Lightweight enclosure manufactured from aluminium and fitted with a carrying handle.

#### 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) 50mm<sup>2</sup> cable, 2.5m long with M12 lugs for supply side connection.

#### Precise control

9 switched load steps including a fully variable section provide a load bank with precise control from 0.6A to 5A.

#### Current measurement

Fitted with a shunt resistor for accurate current measurement capability, the DC220 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	50
Maximum capacity, kW	10.5
Current range, A	0.6 to 210

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## Control and ventilation

Manual controls	9 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 1 x Audible over-temperature alarm
Cooling	Forced convection, horizontal orientation
Fan(s)	2 x DC axial type
Control supply	48V 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
Thermal Alarm	Over temperature alarm buzzer

## 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 integrated carry handle

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## Weight and dimensions

See general arrangement drawing reference 161509	
Length, mm	540
Width, mm	310
Height, mm	500
Weight, kg	17

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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.