

Bramco Voltage Reducer 'BVR'

The Bramco Voltage Reducer (BVR) is designed to reduce the voltage output from welding set transformers when not in use, to a level, which is considered safe for human use. The BVR is simple to install and suits most welding sets. This product saves lives.

Features

- Universal AC/DC operation
- Improved safety features
- Easy to install
- Welding electrode voltage is 6V when not in use
- Upon striking the electrode, the electrode resistance falls below 100Ohms, full voltage is available for welding. BVR output recovers to safe mode the moment the electrode is lifted from work
- Rugged solid state power components are used to achieve low power loss at high welding currents and assisted cooling at elevated temperatures to achieve the high duty cycle rating
- Rugged stainless steel enclosure
- The portable model comes with male, female plug/sockets, carry handle and rubber feet
- Internal models have bolted terminals
- Status L.E.D. indicates operational status
- Unit fault alarm - if BVR fail is shorted or if BVR output is not safe for operators - L.E.D. signals solid red and the BVR gives an audible warning
- Operating information comes via an easy to read L.E.D.
 - Green - ready
 - Green Flashing - running
 - Red Flashing - over heating warning
 - Red - unit is faulty - do not use
- Internal operating fan activates when BVR needs cooling
- Uses heavy duty solid state electronic components and provides a duty cycle of 100% for ambient temperatures up to 40°C

Specifications

Input Voltage

- 45 to 90vAC, 40-120vDC

Output Voltage

- Less than 6 Volts (at no load)

Strike Resistance

- Less than 100 Ohms

Arc Strike Time Max

- Max 5 milliseconds

Turn off Time

- 200 milliseconds

Operation

- AC/DC (low frequency)

Duty Cycle

- 100% up to 40 °C

Weight

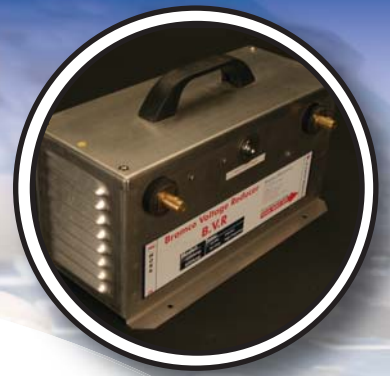
- 200Amp maximum 4.5 Kilos
- 300/400/600/800Amp maximum 9 Kilos
- 1000Amp maximum 21 Kilos

Size

- 200Amp 340mm L x 80mm H X 140mm W
- 300/400/600/800Amp 370mm L x 180mm H x 195mm W
- 1000Amp 400mm L x 220mm H x 400mm W

Ordering Information

A00526	200Amp AC/DC
A00529	200Amp HF or DC
A00827	300Amp DC
A00524	400Amp AC/DC
A00527	400Amp AC/DC Internal
A00538	400Amp DC Internal
A00540	400Amp High Frequency Internal
A00525	600Amp AC/DC
A00528	600Amp AC/DC Internal
A00518	800Amp DC
A00475	1000Amp DC



Bramco Contacts

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