

## TECHNICAL SUMMARY SHEET

### HBN 24 & 30 – Series NATURALLY COOLED, DC / AC LOAD BANKS



#### Features

- LIGHT WEIGHT
- LOW COST
- HIGH POWER
- NO AUX MAINS REQUIRED
- PORTABLE
- TEST CABLES INCLUDED

The Hillstone HBN series load banks provide a low cost solution to on-site testing.

Units can provide manually controlled, constant current, battery discharge tests, plus rectifier and low voltage transformer testing.

All units are fully adjustable from approx 1A to max rating via panel mounted circuit breakers.

HBN 24-200 units illustrated

| LOAD BANK type ref. | Max volts | Amps at 26V | Amps at 24V | Amps at 21V | Amps at 13.5V | Amps at 12V | Amps at 10V | Case size | Approx weight |
|---------------------|-----------|-------------|-------------|-------------|---------------|-------------|-------------|-----------|---------------|
| <b>HBN24-100</b>    | 26V       | 100A        | 80A         | 70A         | 45A           | 40A         | 33A         | 1         | 17 kgs        |
| <b>HBN24-200</b>    | 26V       | 200A        | 160A        | 140A        | 90A           | 80A         | 67A         | 1         | 20 kgs        |
| <b>HBN24-300</b>    | 26V       | 300A        | 240A        | 210A        | 135A          | 120A        | 100A        | 1         | 23 kgs        |
| <b>HBN24-400</b>    | 26V       | 400A        | 320A        | 280A        | 180A          | 160A        | 133A        | 2         | 27 kgs        |
| <b>HBN24-500</b>    | 26V       | 500A        | 400A        | 350A        | 225A          | 200A        | 167A        | 2         | 30 kgs        |
| <b>HBN24-600</b>    | 26V       | 600A        | 480A        | 420A        | 270A          | 240A        | 200A        | 2         | 33 kgs        |

| LOAD BANK type ref. | Max volts | Amps at 30V | Amps at 27V | Amps at 24V | Amps at 21V | Amps at 13.5V | Amps at 10V | Case size | Approx weight |
|---------------------|-----------|-------------|-------------|-------------|-------------|---------------|-------------|-----------|---------------|
| <b>HBN30-100</b>    | 30V       | 100A        | 90A         | 80A         | 70A         | 47A           | 33A         | 1         | 17 kgs        |
| <b>HBN30-200</b>    | 30V       | 200A        | 180A        | 160A        | 140A        | 93A           | 67A         | 1         | 20 kgs        |
| <b>HBN30-300</b>    | 30V       | 300A        | 270A        | 240A        | 210A        | 140A          | 100A        | 1         | 23 kgs        |
| <b>HBN30-400</b>    | 30V       | 400A        | 360A        | 320A        | 280A        | 187A          | 133A        | 2         | 27 kgs        |
| <b>HBN30-500</b>    | 30V       | 500A        | 450A        | 400A        | 350A        | 233A          | 168A        | 2         | 30 kgs        |
| <b>HBN30-600</b>    | 30V       | 600A        | 540A        | 480A        | 470A        | 280A          | 200A        | 2         | 33 kgs        |

| case size | length | width  | height |
|-----------|--------|--------|--------|
| 1         | 500 mm | 500 mm | 525 mm |
| 2         | 720 mm | 500 mm | 525 mm |
| 3         | 720 mm | 500 mm | 725 mm |

Additional voltages from 24V to 240V available on request

#### NOTES

1. Units are rated for continuous operation at max volts
2. Shrouded test sockets are included for measurement of amps and volts by your external digital multi-meters.
3. Elapse discharge time indicator available as optional extra.
4. Each load channel protected by circuit breakers.
5. All load banks can be operated down to zero volts with proportionally reduced output current.
6. Equipment is designed for indoor use only.
7. A 2.5 metre long DC cable set and operating manual is supplied with each equipment.
8. Changes to specification, components, dimensions or weights may vary without prior notice.