

## TECHNICAL SUMMARY SHEET

### HBN 50 & 60 – Series NATURALLY COOLED, DC / AC LOAD BANKS



#### Features

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

HBN 60-300 illustrated

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.

LOAD BANK type ref.	Max volts	Amps at 52V	Amps at 50V	Amps at 48V	Amps at 43V	Amps at 27V	Amps at 21V	Case size	Approx weight
<b>HBN50-100</b>	52V	100A	96A	92A	83A	52A	40A	1	17 kgs
<b>HBN50-200</b>	52V	200A	192A	185A	165A	104A	80A	2	25 kgs
<b>HBN50-300</b>	52V	300A	288A	277A	248A	156A	121A	2	27 kgs
<b>HBN50-400</b>	52V	400A	385A	369A	331A	208A	162A	3	35 kgs
<b>HBN50-500</b>	52V	500A	481A	462A	413A	260A	202A	4	45 kgs
<b>HBN50-600</b>	52V	600A	577A	554A	496A	312A	242A	4	52 kgs

LOAD BANK type ref.	Max volts	Amps at 60V	Amps at 54V	Amps at 48V	Amps at 43V	Amps at 27V	Amps at 21V	Case size	Approx weight
<b>HBN60-100</b>	60V	100A	90A	80A	72A	45A	35A	1	17 kgs
<b>HBN60-200</b>	60V	200A	180A	160A	143A	90A	70A	2	25 kgs
<b>HBN60-300</b>	60V	300A	270A	240A	215A	135A	105A	2	27 kgs
<b>HBN60-400</b>	60V	400A	360A	320A	287A	180A	140A	3	35 kgs
<b>HBN60-500</b>	60V	500A	450A	400A	358A	225A	175A	4	45 kgs
<b>HBN60-600</b>	60V	600A	540A	480A	430A	270A	210A	4	52 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
4	830 mm	550 mm	800 mm

\* plus 50 mm top handles

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. Certain units include low noise fans powered from test source
7. Equipments are designed for indoor use only.
8. A 2.5 metre long DC cable set and operating manual is supplied with each equipment.
9. Changes to specification, components, dimensions or weights may vary without prior notice.