

HBN60 Range 300A & 600A Naturally Cooled DC Load Banks

Features:

- Lightweight & Portable
- Low Cost
- High Power
- No Auxiliary Mains Required
- Voltage & DC Shunt Measurement Sockets
- Test Cables Included



HBN60 Case Size 2



HBN60 Case Size 4

The Hillstone HBN series load banks provide a low cost solution to on-site testing. Units can provide manually controlled, constant current, battery discharge testing.

Units are adjustable from 1A to max rating via panel mounted DC circuit breakers. Voltage and DC shunt measurements are available via 4mm shrouded sockets test sockets.

HBN60 Performance Table

Loadbank Type No.	Maximum Volts	Available current at different test voltages				
		60V	54V	48V	27V	21V
HBN60-300	60V	300 A	270 A	240 A	215 A	105 A
HBN60-600	60V	600 A	540 A	480 A	430 A	210 A

For lower battery voltages the available constant current discharge rate will reduce proportionally

HBN60 Case Sizes:

Loadbank Type No.	Case Size	Length (mm)	Width (mm)	Height (mm)	Approx. Weight (Kgs)
HBN60-300	2	715mm	495mm	585mm	29Kgs
HBN60-600	4	805mm	550mm	875mm	52Kgs

HBN60 Specification:

Type Ref	HBN60 Series
Maximum Voltage	60V DC
Maximum Available Current	Refer to rating table and easy calculator
Rating	Battery discharge tests from max voltage at full load
Test Sockets	4 mm shrouded test sockets are provided to allow the test engineer to measure amps and volts using a multimeter.
DC Cable Set	3m DC Cable Set Included
Construction	Aluminium case with swivel castors and carrying handles.
Finish	Powder coated textured finish
Cooling	Vertical Natural convection cooling
Environmental Protection Rating	IP21
Movement	Swivel castors and top handles
Temperature	Operating: 0 – 40 °C Storage: 0 – 80 °C

Standards And Quality Assurance

The **HBN DC Load Bank Range** is manufactured in the UK to the following EU standards and ISO procedures:

- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- BSEN61000-6-3 2007 amendments for 2011
- BSEN61000-6-1 2007
- BSEN61000-6-4 2007 amendments for 2011
- Hillstone Products Quality Assurance procedures ISO 9001:2015

Notes

- Units are designed for indoor use in a clean, dry and well ventilated environment.
- The available current and ratings are proportional to the end of test voltage.
- Information in technical literature, quotations or datasheets are intended to be correct at the time of publication. Hillstone Products Ltd bears no responsibility for the accuracy of any information given.
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