

## HPA54 – Series 54V AUTOMATIC CONSTANT CURRENT DC LOAD BANKS

HPA54 Series automatic load banks for telecom application to perform battery discharge testing and rectifier testing.

| Type ref   | Max No.<br>L A cells | Max No.<br>Ni-cad cells | Nominal<br>volts | Max<br>volts | Peak<br>amps | Constant<br>current * | Peak<br>Watts | Case size (mm)<br>length | width | height | approx.<br>weight |
|------------|----------------------|-------------------------|------------------|--------------|--------------|-----------------------|---------------|--------------------------|-------|--------|-------------------|
| HPA54-100  | 24                   | 40                      | 50V              | 55V          | 100A         | 80A                   | 5.8KW         | 730mm                    | 330mm | 425mm  | 24 kgs            |
| HPA54-150  | 24                   | 40                      | 50V              | 55V          | 160A         | 130A                  | 9.2KW         | 730mm                    | 330mm | 425mm  | 26 kgs            |
| HPA54-200  | 24                   | 40                      | 50V              | 55V          | 220A         | 175A                  | 12.5KW        | 730mm                    | 330mm | 425mm  | 28 kgs            |
| HPA54-250  | 24                   | 40                      | 50V              | 55V          | 280A         | 225A                  | 15.8KW        | 800mm                    | 450mm | 600mm  | 30 kgs            |
| HPA54-300  | 24                   | 40                      | 50V              | 55V          | 340A         | 270A                  | 19.2KW        | 800mm                    | 450mm | 600mm  | 35 kgs            |
| HPA54-400  | 24                   | 40                      | 50V              | 55V          | 400A         | 315A                  | 22.2KW        | 800mm                    | 450mm | 600mm  | 40 kgs            |
| HPA54-500  | 24                   | 40                      | 50V              | 55V          | 505A         | 400A                  | 28.4KW        | 800mm                    | 450mm | 600mm  | 45 kgs            |
| HPA54-600  | 24                   | 40                      | 50V              | 55V          | 625A         | 500A                  | 35.1KW        | 800mm                    | 450mm | 600mm  | 50 kgs            |
| HPA54-700  | 24                   | 40                      | 50V              | 55V          | 740A         | 590A                  | 41.7KW        | 800mm                    | 450mm | 750mm  | 60 kgs            |
| HPA54-800  | 24                   | 40                      | 50V              | 55V          | 800A         | 640A                  | 45.1KW        | 800mm                    | 450mm | 750mm  | 70 kgs            |
| HPA54-900  | 24                   | 40                      | 50V              | 55V          | 920A         | 735A                  | 51.7KW        | 800mm                    | 450mm | 750mm  | 80 kgs            |
| HPA54-1000 | 24                   | 40                      | 50V              | 55V          | 1020A        | 830A                  | 58.4KW        | 800mm                    | 450mm | 1000mm | 90 kgs            |

### Notes :

1. The HPA series of DC load banks can operate in either manual or automatic mode.
2. Current adjustment is available from zero to max load current.
3. In automatic mode the load bank will maintain the pre-set discharge current constant.
4. The constant current value\* shown above is available down to 43V DC
5. The load bank can be programmed to auto stop at 43V.
6. The load bank can be operated on 12V, 24V, 30V and 48V batteries.
7. Test sockets are included for external measurement of battery volts and discharge current.
8. An elapse discharge time indicator is available as an optional extra.
9. HPA54-300 illustrated
10. Datasheets on each model available

