

Crestchic is one of the world's leading suppliers of load-testing solutions. With over 40 years of experience, we design, manufacture, install, and service high-quality load banks worldwide.



Flexible Loadbank Rental

We provide a comprehensive range of load bank rental equipment with flexible delivery and installation options. With our global foot-print and project management expertise, we have a proven-track record on even the largest and most challenging international projects. From helping with initial specification through to delivery, installation, de-commissioning and support, we can be with you every step of the way - wherever you are in the world.

The Loadbank Experts

Wherever the risk of power failure threatens productivity, efficiency or safety, our load banks are tried and trusted. We specialise in the data centre, marine, oil & gas, and power generation sectors, supporting the commissioning and ongoing maintenance of critical power systems.

Contact Us

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The information given in this literature is, to the best of our knowledge, correct at the time of going to print. However, Crestchic is constantly looking at ways of improving their products and services and therefore reserve the right to change, without prior notice, any of the data contained in this publication. Any orders placed will be subject to our Standard Conditions of Hire or Sale, available on request.



Load bank sales, rental and service

AC Resistive-Only Load Banks

Featuring stainless steel finned elements for maximum durability, and available in a range of frames, sizes and containers, from 10kW up to 6000kW, our air-cooled resistive loadbanks can be built to your voltage, frequency and phase requirements.

- Voltage from 110v to 690v
- 1 or 3 phase
- 50 – 60 HZ
- 10kW to 2000kW canopy packages
- Permanent or transportable models
- Up to 1kW load step resolution
- Automatic load tracking facility available



DC Load Banks

Crestchic's range of DC load banks are specially designed to provide an accurate load for the discharge of batteries, which provide critical parallel emergency power to essential systems.

- Range from 24V to 1000V
- Dual & multi voltage units available
- Constant current control
- Up to 1kW load step resolution
- Choice of control systems & data acquisition
- Both sheet steel canopy and container enclosures available



Ancillary equipment

All of our load banks are supplied with ancillary equipment, wiring, accessories and advanced controllers to suit your exact requirements. We also offer a full consultation service, enabling us to deliver custom load-testing solutions and peripherals tailored to your operation.

Load Bank Control Systems

Whether you need sophisticated control software with advanced reporting, or a simple interface via panel-mounted or handheld terminals, the Crestchic team can work with you to find your ideal solution.



Nova control software is built specifically for Crestchic's DC loadbank range - delivering precision testing, automated routines, and real-time performance insight.

VCS is a cutting-edge, scalable loadbank control platform - engineered for high-volume AC testing with clustered control and monitoring, delivering sub-millisecond responsiveness.

AC Resistive/Reactive Load Banks

Our range of fixed or variable power factor resistive-reactive load banks come a range of sizes and containers, from 50kVA to 6250kVA. Built to your specific voltage, frequency and phase requirements, these loadbanks are essential for complete engine and alternator testing.

- Typical power factor 0.8
- Voltage up to 690V
- 50 – 60 HZ
- 50kVA to 6250kVA
- Up to 1kW load step resolution
- Stainless steel finned elements
- IP54 standard protection
- Standard canopy sizes to 300kVA
- Container packages over 375kVA
- Lloyd's Register-certified
- ISO containers sized 10ft to 40ft
- Reactive (Inductive) only available



Liquid Cooled Load Banks

High-performance liquid-cooled load banks for data centre thermal distribution commissioning and thermal load validation. CE & UL approved, IP55 rated, with integrated ΔT control ($\pm 0.5^\circ\text{C}$), full fluid system protection, and automated compliance reporting via the Crestchic Portal.

- 120kW and 600kW models
- 400–415V
- 50/60Hz
- 3-phase
- Load step resolution: 5kW (600kW) / 0.5kW (120kW)
- IP55 enclosure
- CE compliant and designed to UL std
- Full system protection: thermal, pressure, flow, overload
- Local/remote control with compliance reporting



AC Medium Voltage Load Banks

Our MV load banks provide higher voltages with integrated transformers and load banks packaged in one ISO container. Available in a wide range of voltages up to 33kV in both resistive and resistive-reactive configuration.

- Voltages up to 33kV
- 50 – 60 HZ
- 1000kVA to 5000kVA
- Resistive & Resistive-Reactive
- Multiple 1kVA/1kW load steps
- Stainless steel finned elements
- Optional integrated mv switchgear
- Lloyd's Register-certified
- 20 to 45ft container sizes
- IP54 standard protection
- Ferroglass insulated bulkheads
- Stainless steel louvres
- Galvanised exhaust outlets
- Stackable when not in operation
- All-weather outdoor operation



Bespoke Systems

Our experienced engineers work closely with you to design the most effective load-testing solution for your operation.

We specialise in developing custom-built load banks, engineered to your exact specification.

From initial consultation through to delivery and commissioning, we ensure every solution is built to match your project demands.



Containerised Transformers

To provide a complete solution for temporary power generation, and to complement our load banks, we provide a range of containerised step-up or step-down transformers from 2000kVA to 7000kVA, with voltage from 400V to 34.6kV.



Responsive R&D

Our experienced R&D team respond to market requirements, developing solutions that improve operational efficiency and deliver measurable commercial value across our key industries.

