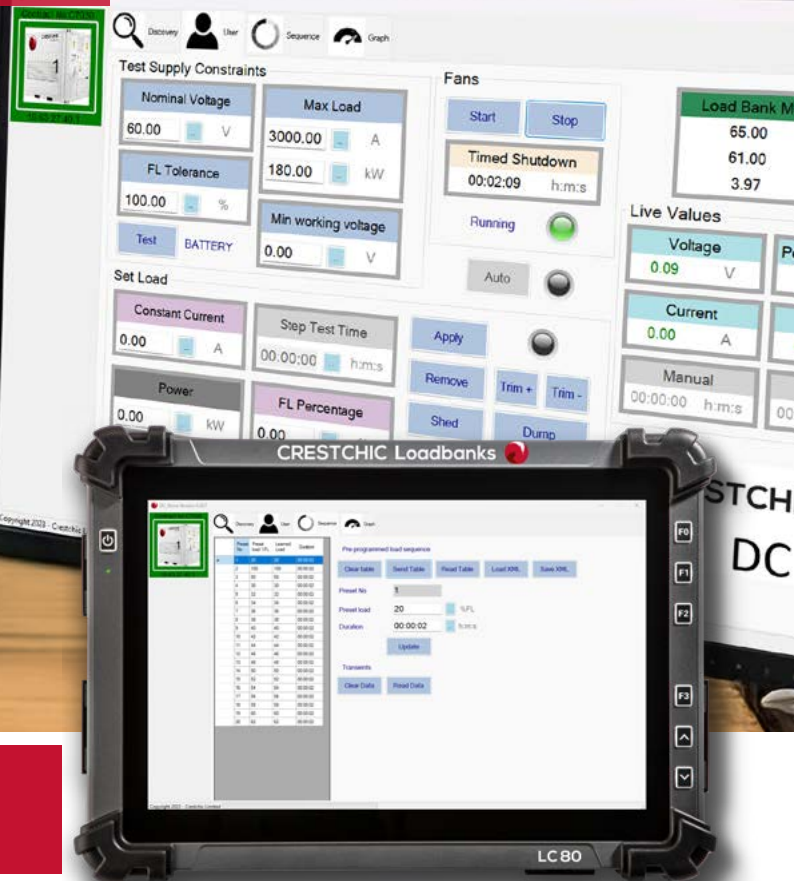
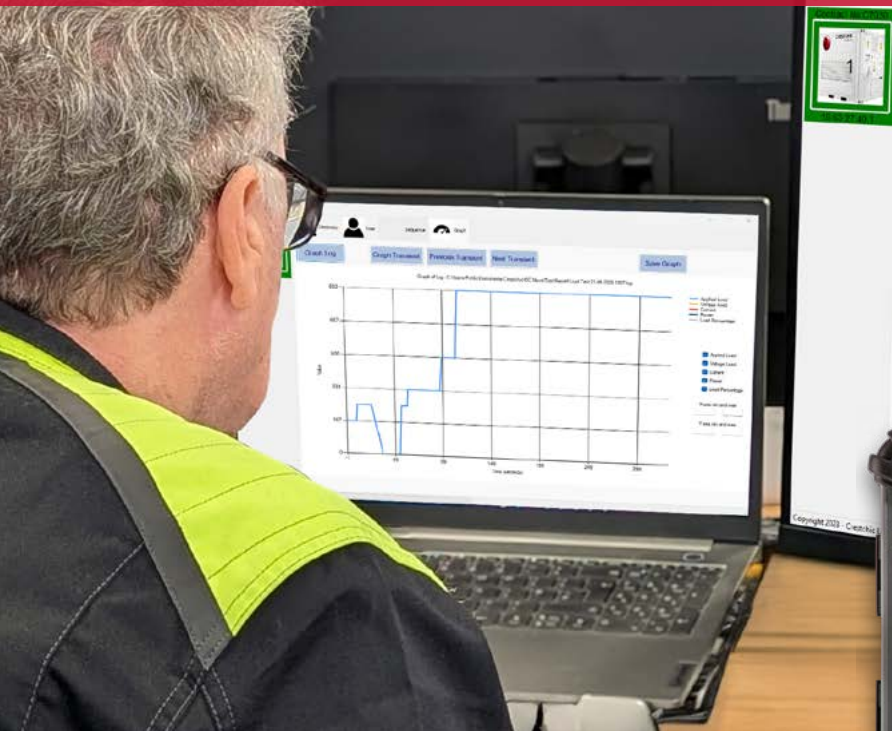




Top-Tier Performance for DC Load Banks

DC NOVA is carefully designed to provide top-tier performance, easy scalability, and a user-friendly experience for Crestchic's full range of DC loadbanks. This advanced system helps you easily apply, manage, and accurately analyse electrical loads during testing, ensuring the best performance and reliability.

Intelligent Core: At the heart of each loadbank, NOVA DC's operating system collects precise, real-time data from internal sensors to enable fast, responsive performance. Designed with built-in safety protocols and intelligent fault-handling, it ensures reliable operation while protecting your equipment.

LC80 handheld controller: A ruggedised tablet controller suitable for all new micro processor based loadbanks, the LC80/A comes with an IP65 daylight-viable screen for outdoor operation. Pre-loaded with Crestchic's Nova DC software, the controller combines manual control with a detailed instrumentation display, pre-set load programmes, motor start facility and real time data capture for single or multiple loadbank control.

Control software: Using the rugged LC80 handheld tablet or a Windows PC NOVA DC software, it offers easy manual controls, clear instrument readings, pre-set programs for efficient automated tests, a motor start function, and live data recording. The system's strong design supports everything from testing single units to the synchronised control of numerous loadbanks, making it ideal for large-scale operations.

DC NOVA PC Software (Windows® Compatible): Crestchic's DC NOVA software works seamlessly with Windows 10 and 11, for those who prefer to use a PC. Access all the system's advanced features, including powerful tools for detailed diagnostics. View performance graphs, save detailed test data to your PC, and create and save your own test routines with ease. Routines can be sent to the loadbank for bespoke or complex tests, enabling effective automated testing.

DC NOVA gives you strong, flexible, and future-proof control. You get advanced diagnostics, automated testing capabilities, clear insights, and trouble-free operation for all your critical DC loadbank testing needs.

Datasheet: DC NOVA

Key Features

Maximum Load (6000kW)	1kW Load Steps
Maximum Fans	64
Automatic Fault Detection	Yes
Loadbank Daisy Chaining	Yes
Maximum Connection Distance	100 Meters
Fault Tolerance	Configurable
Instrumentation Support	DCI1000
Instrumentation Accuracy	0.20%
Instrumentation Frequency	~500ms
Live Data Capture	Yes
Test Report Export	CSV
Gradual Load Ramping	Yes
Overload Protection	Yes
Transient Graphical Display	Yes
Supply Test	Yes
Battery Test	Yes
Insulation Resistance Test	Yes
Percentage (%FL) Load Discharge Support	Yes
Current (A) Load Discharge Support	Yes
Power (kW) Load Discharge Support	Yes
Pre-programmed Load Sequentially Control	Yes
Automatic Load Sequentially Control	Yes
Multi Loadbank Network	3
Shed Load (-25%)	Yes
Dump Load (-25%)	Yes
Load Trimming	Yes
Contactor Timing Configuration	Yes
Service Configuration Protection	Yes
Import Configuration	Yes
Export Configuration	Yes
Relay Test Screen	Yes
Multilingual Support	Yes
Modbus Protocol Support	Yes

Minimum System Requirements	Minimum Spec	Recommended Spec
CPU	2 Cores, 1.2GHz	2 Core (4 Thread) 1.8Ghz
RAM	4GB DDR3 RAM	8GB DDR3 RAM
STORAGE	64GB	64GB
NETWORK	Ethernet (10/100)	Ethernet (10/100)
WINDOWS	Windows 8 or Later	Windows 8 or Later
ARCHITECTURE	64bit	64bit
RESOLUTION	1200(w) x 800(h)	1200(w) x 800(h)

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Sales & Rental Offices in : UK, Ireland, Singapore, Germany, Belgium, France, China and UAE

