

COMPANY PROFILE

Controlled loads. Confident testing.

Liquid-Cooled Load Banks & Test Equipment Rental

Rental solutions for data centre commissioning,
power systems and electrical measurement.



RENTAL SOLUTIONS FOR CRITICAL TESTS

Equipment rental. Built around your test.

INFINITE SOLUTION provides liquid-cooled and air-cooled load bank rental, together with PQA and supporting electrical test instruments.

We help project teams translate test objectives into an equipment package, with the right ratings, interfaces and accessories for the planned rental period.



01 Load simulation

Electrical and thermal loading for planned commissioning tests.

02 Test instruments

Power quality, electrical safety and condition assessment tools.

03 Rental coordination

Equipment scope, scheduling, handover and return arrangements.

CONTROLLED THERMAL LOADING

Liquid-cooled load banks

Test the cooling loop before live IT deployment.



01 AI & high-density data centres

Apply controlled resistive heat loads to the liquid circuit during commissioning and system verification.

02 CDU & cooling-loop testing

Support checks of cooling capacity, flow, inlet and outlet temperature, and stability under planned loading.

03 Project-specific configuration

Match electrical ratings, load steps, coolant compatibility, hoses and connections to the test method.

DISTRIBUTED LOADING. PRACTICAL DEPLOYMENT.

Air-cooled load banks

Flexible load simulation for racks and power systems.



RACK-MOUNTED CONFIGURATIONS

01 Rack-level load simulation

Distribute electrical and thermal loads across cabinet locations to support power-path and airflow checks.

02 Generator & UPS testing

Configure resistive load bank packages for planned capacity tests and staged loading programmes.

03 Rental scope confirmed in advance

Agree capacity, voltage, phase, frequency, control mode, cable lengths and heat-rejection requirements.

ELECTRICAL PERFORMANCE, RECORDED

Power quality analyser rental

Understand system behaviour during your test programme.



THREE-PHASE MEASUREMENT & LOGGING

Functions, measurement ranges and calibration documentation depend on the selected instrument and rental scope.

Core electrical parameters

Voltage, current, frequency, active power, energy and power factor.

Power quality events

Harmonics, voltage dips, swells and interruptions; transient capture where supported.

Logging & data handover

Select recording duration, current probes, event settings and export format for the agreed test.

COMPLETE THE TEST PACKAGE

Supporting instruments

Coordinate the tools, accessories and records your test requires.

**THERMAL INSPECTION****01**

Electrical safety

Insulation resistance, earth resistance and continuity test instruments.

03

Electrical measurement

Clamp meters, digital multimeters and supporting measurement accessories.

02

Thermal inspection

Thermal imaging and temperature measurement for equipment condition checks.

04

Battery & specialist testing

Battery analysers and specialist electrical instruments scoped to project requirements.

Instrument models, availability, ranges, accessories and document requirements are confirmed in the quotation.

FROM TEST OBJECTIVE TO SITE DELIVERY

A clear route to mobilisation

Data centres

Rack power, liquid cooling and infrastructure commissioning.

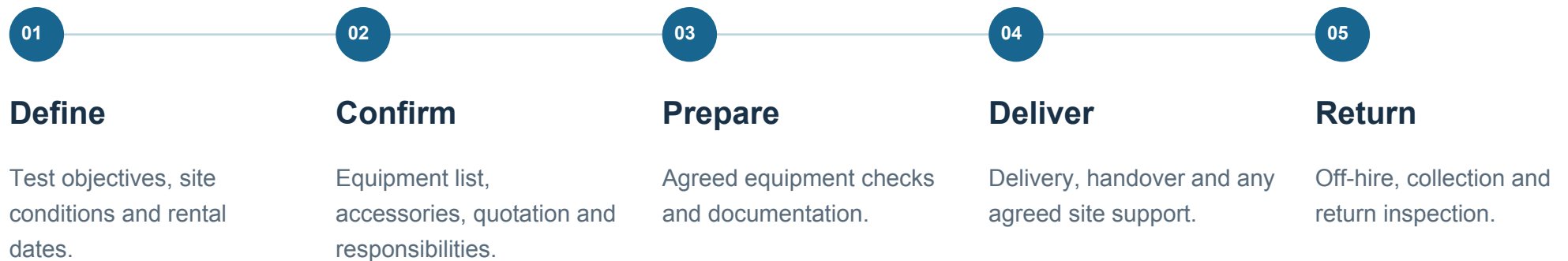
Power systems

Generator, UPS and distribution system verification.

Industrial facilities

Planned shutdowns, maintenance and equipment condition checks.

RENTAL DELIVERY PROCESS



Site access, connection arrangements, test operation and support responsibilities are agreed before dispatch.

LET US PLAN YOUR RENTAL PACKAGE

The right equipment. At the right stage.

Share your project brief with INFINITE SOLUTION.

01 Project

Location, application and test objectives.

02 Equipment

Ratings, quantities, interfaces and accessories.

03 Schedule

Required delivery date, rental term and support.