



KEEP YOUR CRITICAL INFRASTRUCTURE ALWAYS ON

**99.99% UPTIME**

START WITH A REAL TEST



COMPREHENSIVE ENERGY SOLUTIONS FOR

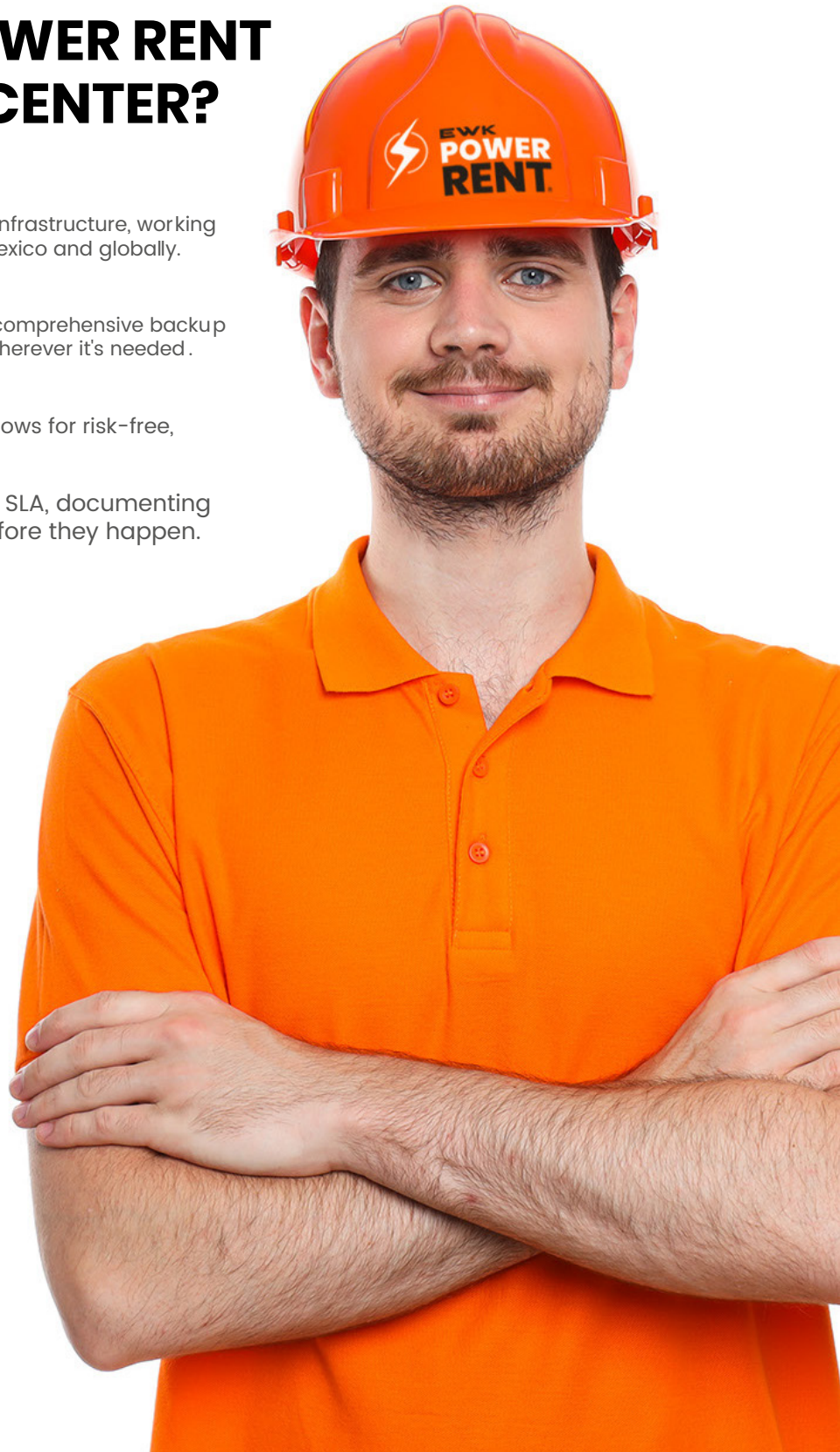
**DATA CENTERS**

LEASE - SALE - MAINTENANCE

[www.rentadeplantas.com.mx](http://www.rentadeplantas.com.mx)

## WHY CHOOSE POWER RENT FOR YOUR DATA CENTER?

- 1** We specialize in energy backup for critical infrastructure, working with Tier II, III, and IV Data Centers across Mexico and globally.
- 2** We offer real testing under simulated load, comprehensive backup solutions, and technical support delivered wherever it's needed.
- 3** Our mobile and modular infrastructure allows for risk-free, uninterrupted testing.
- 4** We help our clients meet their 99.99% SLA, documenting every step and preventing failures before they happen.



**We don't just sell equipment; we ensure energy continuity.**

# AVAILABLE SOLUTIONS FOR CRITICAL TESTING

## LOAD BANKS

- Resistive: 100 kW to 5 MW.
- Inductive: up to 3.3 MW.
- Liquid-cooled: designed for high-density operations and demanding thermal conditions.
- Real-world condition simulation for generators, UPS, ATS.
- Portable, scalable equipment compatible with any Tier architecture.
- Available for sale or rental.
- Adaptable to operational needs.

**Critical systems must not fail. That's why we test before emergencies arise**



# LIQUID-COOLED LOAD BANKS

Our liquid-cooled load banks deliver efficiency, precision, and durability for modern power testing. Perfect for data centers, renewable energy systems, and industrial infrastructure, they ensure reliable performance and accurate testing in critical environments.



**COMPLETE DRAINAGE**



**STURDY  
CONSTRUCTION**



**WHEEL-MOUNTED**



# AVAILABLE SOLUTIONS FOR CRITICAL TESTING

## ELECTRIC GENERATORS

- From 100 kW to 30 MW in sync.
- Quiet, efficient, and failover-ready, which is crucial for ensuring continuous uptime.
- Complete flexibility: available for rent weekly, monthly, or by project, or as a sales solution for permanent infrastructure.

When the grid fails, generators  
must not hesitate.



# AVAILABLE SOLUTIONS FOR CRITICAL TESTING

## TRANSFORMERS

- Voltages of 110, 220, 500 kV.
- Dry or oil-filled (10–35 kV).
- ISO 9001 and ISO 14001 certified.
- Scalable and secure for essential expansions.



# CRYOGENIC CLEANING IN DATA CENTER CABLING

Cryogenic cleaning uses carbon dioxide (CO<sub>2</sub>) in the form of pellets or frozen micro-particles to remove dirt, grease, and dust from electrical surfaces and cabling in data centers without leaving residue or moisture.

Dry ice blasts particles at high speed using compressed air. It cleans without leaving any residue, moisture, or debris on the equipment.

- Non-conductive, making it safe for all electrical systems.
- Non-abrasive, protecting cable insulation.
- No need to disassemble equipment.
- No chemicals or solvents used.

Cryogenic cleaning can be used on electrical panels, data centers, industrial cabling, and critical electrical installations.



# SOLAR PANEL

1. Solar components.
2. System certificates.
3. Attenuation and PV curves.
4. Roofs, factories, mountainous terrain, bay surfaces, desert.

- Monolithic power from solar components ranging from 600-720 W, with a power conversion efficiency of 23.2%.
- Construction spans from 50 kW to 500 MW.
- 12-year quality assurance, with a lifespan exceeding 30 years.

Compared to the original capacity, continuous output after 30 years will not fall below 90.3%.

Various installation components have been designed and mechanical analyses conducted.

Collaboration with TIDE BESS for comprehensive applications on various occasions.

Domestic rooftop photovoltaic

**5 a 20 kW**

Industrial rooftop photovoltaic

**50 kW a 6 MW**

Aquatic surface photovoltaic

**1 a 20 MW**

Mountainous terrain photovoltaic

**10 a 20 MW**



# BACKUP BATTERIES

## DISTRIBUTED AIR COOLING BESS SYSTEM

- Modular energy storage system (BESS) with sealed VRLA technology, maintenance-free (2V to 12V, 100–2000 Ah).
- Air cooling for high thermal efficiency in critical spaces.
- Compatible with UPS and energy backup tests.
- Scalable, reliable, and easy to maintain; prevents single points of failure.

**Energy saved today ensures  
availability tomorrow.**



## SPECIALIZED ACCESSORIES

- Panels, spiders, camlocks, ducts, tanks, and wiring.
- Everything you need for quick and secure connections.



# STRATEGIC SERVICES TO ENSURE YOUR OPERATIONS

## 1 On-site Testing (Commissioning & Testing)

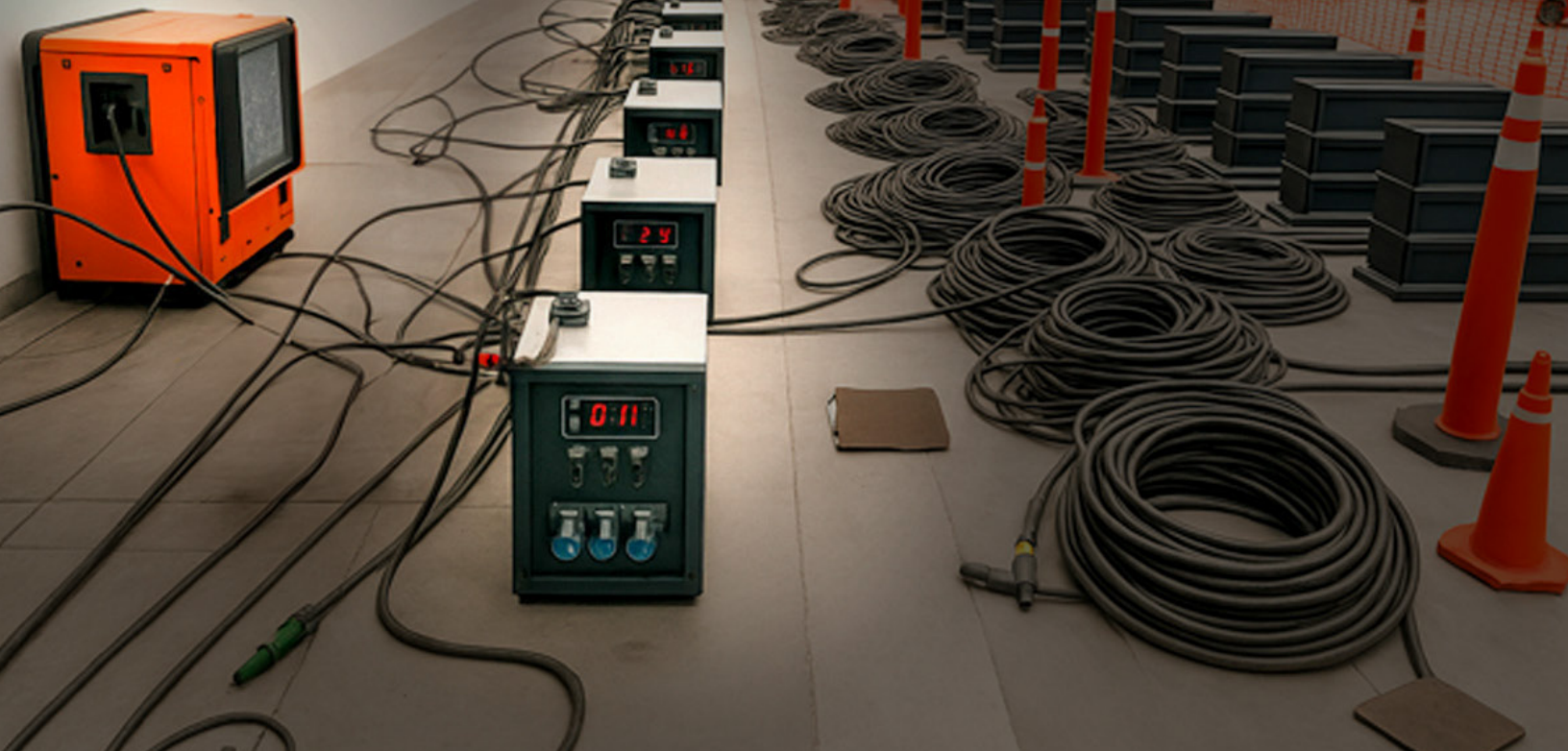
- Energy tests under real conditions without operational risk.
- Functional validation of UPS, batteries, generators, and transfer systems.
- Documented results for audits and compliance.

## 2 Technical Consulting

- Design of scalable, redundant energy architecture.
- Planning for migrations, expansions, or new load integrations.
- Alignment with Tier III, IV standards, Uptime Institute, and international regulations.

## 3 Logistics and Operations

- Delivery in Mexico and worldwide.
- Tailored projects to meet specific needs:
  - Comprehensive with assembly, operation, monitoring, and disassembly. – Only with client staff training.
- Support for each phase of the project.



## REAL CASES

- We tested the 2N redundancy of a Tier IV Data Center in XXXXX, Mexico under full load: 0% operational failures.
- We reduced data center interruptions in XXXXX, Mexico by 90% thanks to quarterly testing.

**Measurable Results.**  
**Controlled Risk.**  
**Guaranteed Operation.**

---

## BENEFITS FOR CRITICAL INFRASTRUCTURE DECISION-MAKERS

- 99.99% SLA Compliance
- Solutions without fixed investment.
- Extends the lifespan of systems.
- Reduces failures and unplanned downtime.
- Ideal for colocation, hyperscale, and Edge.



# Contact Us

+52 55 7129 7280 +52 55 3623  
4281 sales@rentadepantas.mx

**[www.rentadepantas.com.mx](http://www.rentadepantas.com.mx)**

A Company of



Official Exhibitors



Dubai • Madrid • London • Cancun • São Paulo