

Standby Generators

Products & Services





STANDBY GENERATORS

In addition to our comprehensive range of UPS systems, Riello UPS also offers you an extensive selection of standby diesel generators to ensure a complete power protection solution.

Through our partner factories, we have supply agreements with most major engine and alternator manufacturers, giving you a widespread choice of brands including:



Our range incorporates Single-Phase or Three-Phase standby generators, along with a variety of power ratings from 8 kVA through to 2.5 MVA.

Choose from loose fit or open frame sets for dedicated generator rooms. While for external locations, we offer canopied or highly secure containerised solutions.

Bespoke options including extended autonomy fuel tanks, super-silent weatherproof enclosures, mains synchronising controllers, and exhaust flue installations.

We also offer Generator Rental for customers who require a temporary solution or prefer the financial flexibility of renting.



GENERATOR MAINTENANCE

To ensure your standby generators perform when you need them most, a proactive maintenance, servicing, and testing regime is essential.

- **Monthly on-load testing** to verify performance under real conditions. If the UPS is beyond repair, we'll replace it. And you'll get a refund if it takes longer than 8 hours, no questions asked.
- **Comprehensive maintenance inspections every six months** to maintain reliability and protect the long-term integrity of your system.

It's also important to limit **off-load running** to prevent issues like wet stacking and potential mechanical damage.

A well-structured maintenance routine helps prevent carbon build-up and keeps starter batteries in good condition. This ensures your generator is always ready when there's a power supply issue.

GENERATOR PLANS YOU CAN RELY ON

Our Generator Maintenance Plans are tailored to your needs. Our highly trained engineers can deliver onsite services for a broad range of manufacturer, model, or power rating.

	Gold		Platinum		
	Lite	Standard	Lite	Standard	Plus
2 x Preventive Maintenance Visits	✓	✓	✓	✓	✓
Response Time	8 working hours	8 working hours	4 clock hours	4 clock hours	4 clock hours
Emergency Call Out	24/7	24/7	24/7	24/7	24/7
Technical Support	✓	✓	✓	✓	✓
Consumables (Coolant, Oil & Fuel Filters only)	✓	✓	✓	✓	✓
Callout Labour & Travel	✗	✓	✗	✓	✓
Remote Monitoring	✗	✗	✗	✗	✓
Remedial Labour	✗	✗	✗	✗	✗
Replacement Parts	✗	✗	✗	✗	✗

Generator maintenance contracts can also be incorporated alongside UPS maintenance to ensure all your entire critical power infrastructure is protected.





GENERATOR SERVICING & TESTING

In addition to the comprehensive coverage of our Generator Maintenance Plans, we also offer a wide range of generator services and testing to ensure your gen set performs at its best.

GENERATOR LOAD BANK TESTING

Load bank testing is essential, both at commissioning and as part of regular maintenance, to ensure your generator performs exactly as designed when the mains power fails.

By simulating full electrical loads, load banks verify that your system can handle real-world demands and respond without fail.

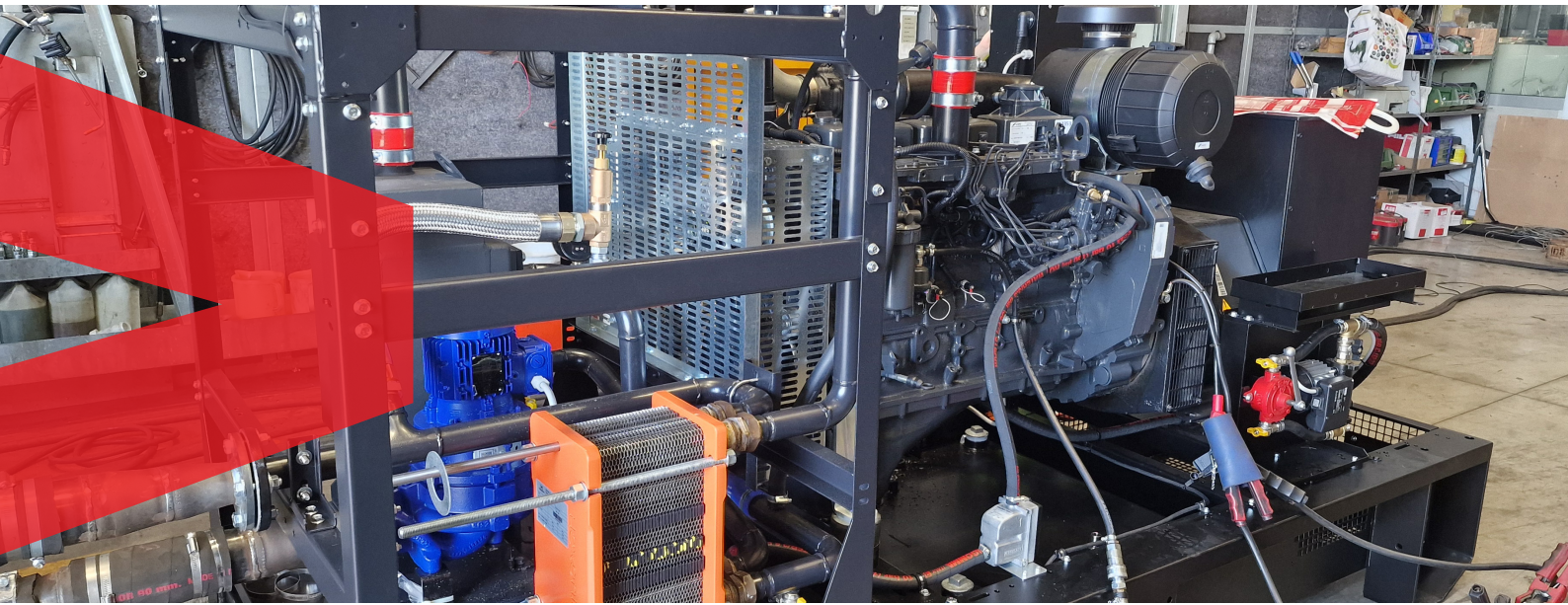
Load bank testing helps you:

- Validate generator and UPS performance
- Test battery autonomy
- Confirm cooling and engine system integrity
- Clear carbon deposits from underloaded engines
- Perform load rejection tests.



Test under pressure so your generator delivers when it counts.





GENERATOR FUEL POLISHING

Your generator relies on two essentials: clean fuel and clean air. But over time, stored diesel can degrade. It can collect water, sludge, and microbes that clog filters, corrode parts, and cut power output. Fuel polishing fixes that.

Our expert technicians use advanced filtration to remove water, bacteria, and contaminants. This restores your fuel to peak condition and returns it to your tank ready for use.



Clean fuel means reliable power - every time you need it

GENERATOR FUEL SAMPLING

Regular fluid checks catch problems early before they can become failures.

Working with an accredited lab, we analyse your generator's fuel, oil, and coolant to spot contamination, wear, or deterioration fast:

- Fuel: Detects any water, sludge, rust, and microbes (the top causes of engine failure)
- Oil: Tracks engine wear through metal content, viscosity, and temperature
- Coolant: Flags any contamination that can lead to overheating and breakdowns.



Quick tests. Big protection. Maximum uptime.





GENERATOR REFUELLING CONTRACTS

Keep your generators running with a refuelling service you can count on.

Our refuelling contracts give you priority access to fuel, whether it's scheduled delivery or a rapid response in an emergency.

Thanks to our nationwide network of trusted partners, we offer:

- Planned deliveries tailored to your schedule
- Emergency callouts when downtime isn't an option
- Clear, transparent pricing with no hidden fees.



Stay powered. Stay focused. We've got the fuel covered.

GENERATOR REFURBISHMENT

Breathe new life into decommissioned or ageing generators with Riello UPS's expert refurbishment service.

We restore performance, improve efficiency, and extend the lifespan of your equipment through:

- Engine Overhaul: Replacing worn parts, deep cleaning, and fine-tuning for optimal performance
- Rewiring: Upgrading outdated wiring to restore electrical integrity and meet modern standards
- Control Panel Upgrades: Modernising your interface with smarter monitoring, improved safety, and enhanced functionality.



Cost-effective. Compliant. Ready for the future.

