



Optimize your production

Data Center Power Generation & Air-Path Solutions

As global demand for digital infrastructure accelerates, data center power generation, reliability, and efficiency are top priorities for operators. Dürr Universal delivers industry-leading gas turbine inlet systems, gas turbine exhaust systems, alongside specialized air-path solutions for reciprocating engines utilized in standby power environments.

Our solutions are purpose-built for modern data center power systems, enabling reliable on-site power generation, improved data center energy efficiency, and optimized data center power infrastructure from primary generation to standby power and emergency backup.

Dürr Universal supports the full lifecycle of power assets, including gas turbine data centers, diesel/gas reciprocating generators, and backup diesel generators, helping operators reduce risk, improve uptime, and advance data center PUE optimization strategies.



CAPABILITIES & ADVANTAGES

Full Turbine Inlet and Exhaust

Systems: Advanced management of thermal and acoustic energy for high-output continuous primary power environments.

Standby Reciprocating Engine Exhaust

Systems: Full engine exhaust systems, including critical emissions controls, optimized for fast-starting standby and emergency backup generators.

Cyplan ORC Integration : Waste heat recovery solutions to convert exhaust heat into clean, additional electrical power.

Comprehensive services for data center

PREVENTATIVE MAINTENANCE & POWER SYSTEM AUDITS

Reduce unplanned downtime, improve emissions performance, and enhance availability of mission-critical assets. Audits evaluate airflow, acoustics, and thermal performance to support PUE optimization and ORC-ready exhaust configurations.

DATA CENTER WASTE HEAT RECOVERY (CYPLAN ORC)

Universal supports Cyplan Organic Rankine Cycle (ORC) technology, enabling data centers to capture exhaust heat from primary gas turbines and standby engines converting it into additional electrical power.

SYSTEM DESIGN & PERFORMANCE UPGRADES

Engineering solutions that optimize airflow, reduce pressure drop, and enhance thermal efficiency across primary gas turbines, standby diesel/gas engines generators, and emergency power systems while preparing for ORC integration.

INLET & EXHAUST COMPONENT REFURBISHMENT

Protective coatings, structural corrections, and OEM-quality media replacements that extend asset life and preserve design performance.

BUILT FOR CONTINUOUS & STANDBY POWER

Whether powering hyperscale campuses or enterprise facilities, Universal ensures reliable, compliant, and efficient power delivery when grid power is unavailable. We provide comprehensive, tailored support for both continuous gas turbine primary generation and heavy-duty reciprocating engine standby backup.



Durr Universal, Inc.

+1 888 300 4272

E-Mail: durruniversal@cts-durr.com

1925 Highway 51 - 138

53589 Stoughton, WI

United States