



SOME OF OUR REFERENCES FOR THE DATA CENTERS

Baku Data Center	AZERBAIJAN	Kaspibank Data Center	KAZAKHSTAN
CCV Data Center	UNITED KINGDOM	Nuon Data Center	NETHERLANDS
Diagnostiek voor U	NETHERLANDS	Opentext Data Center	CANADA
EuroFiber Data Center	NETHERLANDS	Sein Data Center	GERMANY
Fyrlan Data Center	NETHERLANDS	Serverius Data Center	NETHERLANDS
Intel Data Center	POLAND	Unet Data Center	NETHERLANDS
Irdeko Data Center	NETHERLANDS	Vodafone Arnhem	NETHERLANDS



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 TEKSAN



DATA CENTER POWER SOLUTIONS

Uptime Institute®
TEKSAN PRODUCTS
ARE COMPATIBLE
WITH UPTIME INSTITUTE
TIER CERTIFICATION
TIER III AND TIER IV CRITERIA

**RELIABLE POWER
FOR SECURE DATA**

POWER CLASS FOR DATA CENTER

DCP Power Definition (ISO 8528-1:2018)

Defined as continuous power for unlimited hours at constant or variable load, with no load factor limit.

Power Class	Standby	Prime	Continuous	DCP
Load Profile	Variable	Variable	Fix	Variable or Fix
Annual Working Hours	200	Limitless	Limitless	100%
Average Load Amount	70%	70%	Undefined*	

(*) Although the average load amount for DCP is not specified in the ISO 8528-1 standard, it should be evaluated as a maximum of 100%.

FEATURES



Redundant Control Systems

- Standby or hot standby control system activates instantly on malfunction
- Maintains generator operation without manual intervention



Ready for Any Climate

- Reliable operation in extreme temperatures
- Custom canopy paint options



Smart Canopy Design

- Designed for easy access
- Custom acoustic design

1	Engine Electronic Governor
2	Control System
3	Dual AVR Card
4	PMG
5	Class F Alternator
6	Redundant Electric Starter
7	Battery Group
8	Double Bearing
9	Heater For Cold Environments
10	Tropical Radiator
11	Seismic Isolator
12	External Fuel Tank
13	Output Circuit Breaker

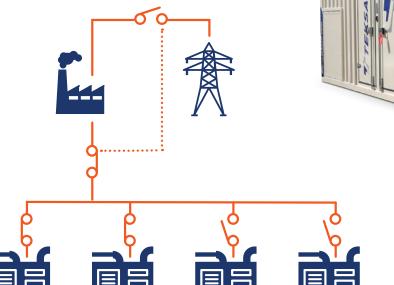
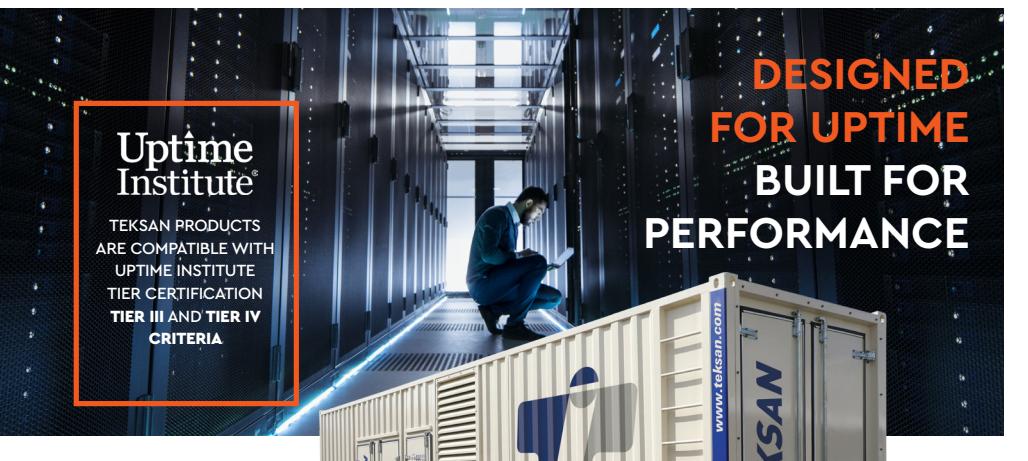
Reliable Power Source for Data Centers

Generator sets provide dependable primary or backup power for data center operations.

Utility Parallel Operation Note

Prolonged parallel operation with utility power is not allowed.

CAPABILITIES FOR DATA CENTER



An alternative solution for diesel and special fueled generator sets to deliver higher performance and efficiency with lower costs.

THE SYNCHRONIZATION SOLUTIONS OFFERED BY TEKSAN:

- Multiple set applications for both prime and standby power
- Multiple set standby to mains supply-break return
- Multiple set standby to mains supply-no break return
- Multiple mains supplies
- Single set standby to multiple mains supply-no break return

OPTIONS

■ Electronic Governor	■ Paint Solutions
■ Control Unit	■ Fire Detection and Extinguishing System
■ Double AVR, PMG	■ Automatic Shutter
■ BackUp Starter System	■ Canopy / Container
■ Cooling Package	■ Fuel Systems
■ Acoustic Solutions	

AFTER SALES SERVICE

ALWAYS AT YOUR SERVICE...

Management of the service records on servers for proactive after sales services

Remote Monitoring and Management System

Call Center support

UNIQUE AFTER SALES SERVICES AND TECHNICAL SUPPORT SOLUTIONS FOR YOUR PROJECTS;

Free of charge site and power identification with our business partners or Teksan After Sales Services

Technical support and consultancy

Assembly and disassembly

Installation, commissioning

General maintenance services

Emergency calls

Modification, repair, revision

Periodical maintenance services



TEKSAN TEST CAPABILITIES

Low and high voltage tests

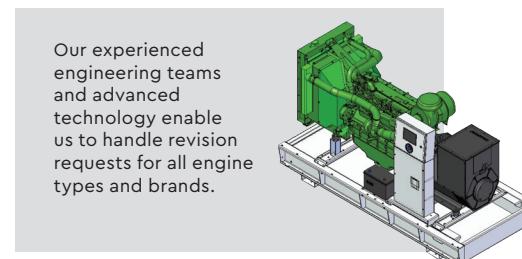
Emission tests

Fuel consumption tests

Thermal analyses

Static and dynamic analysis

Vibration tests



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