

# .DCP

**DATA CENTER POWER**  
**250-3300 KVA**



**TURNKEY SOLUTIONS & SHORT LEAD TIME  
FOR DATA CENTER (MISSION CRITICAL)**

MEMBER  
OF IDA  
Italian  
Datacenter  
Association

  
**ELCOS**  
POWER GENERATORS  
SINCE 1975 - 50 YEARS OF EXPERIENCE



# TURNKEY SOLUTION SHORT LEAD TIME

OUR DATA CENTER  
POWER GENERATORS  
OFFER POWER RATINGS  
FROM 250 KVA TO 3300 KVA,  
TAILORED TO MEET OPERATIONAL NEEDS.



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## HYDROTREATED VEGETABLE

Capable of running on Hydrotreated Vegetable Oils (HVO Diesel) in compliance with EN15940, providing a more environmentally friendly and sustainable fuel alternative.



## COMPLIANT WITH DATA CENTER STANDARD

Our generator sets comply with Uptime Institute and TIA-942B standards for both Tier III and Tier IV applications, guaranteeing top-tier reliability and performance for data center operations.



## CUSTOM-TAILORING

Our generator sets can be fully customized to meet specific data center requirements, ensuring seamless scalability and a stable operating environment.



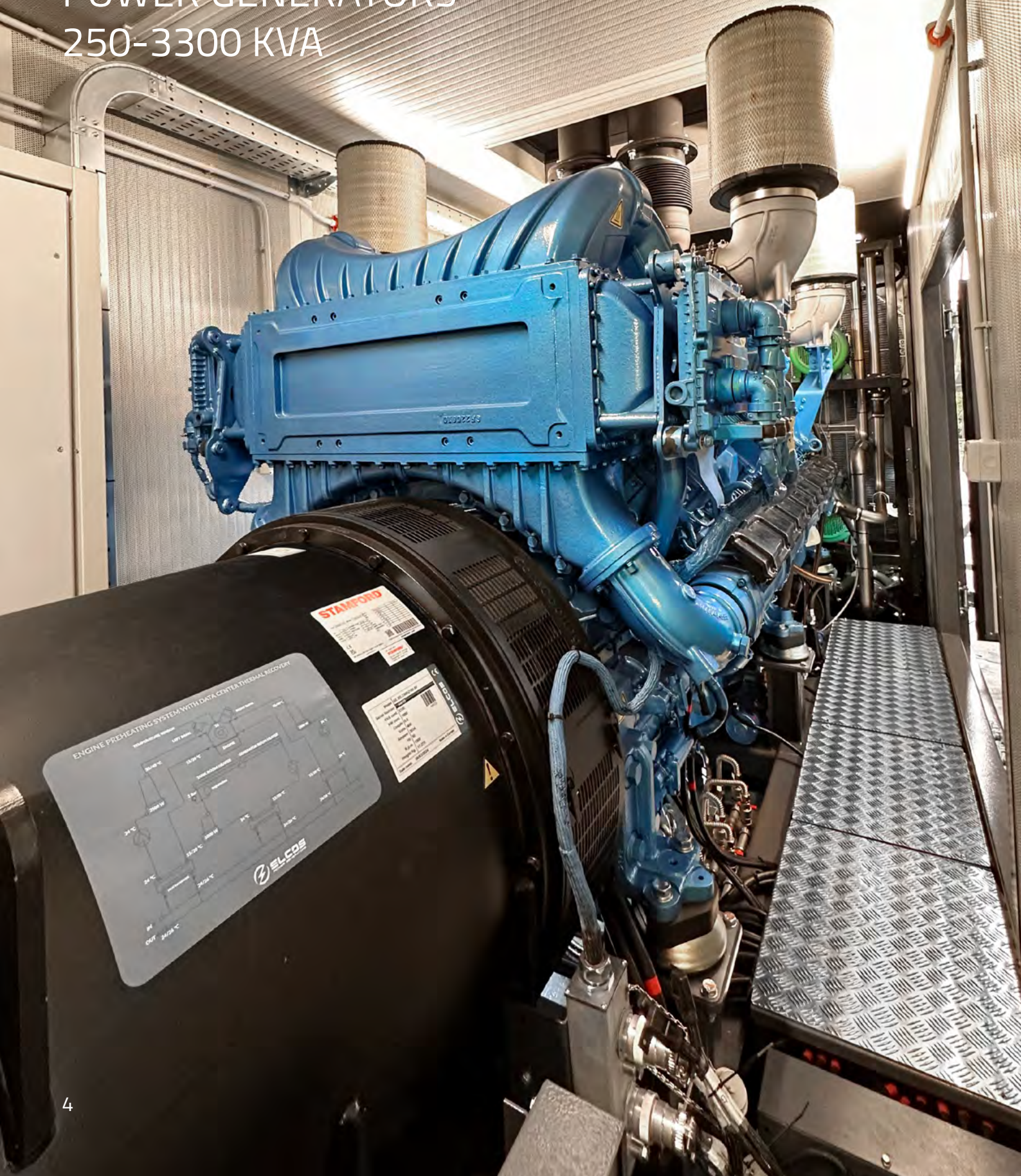
## PERFORMANCE

Our gensets ensure stable performance even in extreme conditions. Additionally, they boast outstanding engine power capacity, reducing derating at high altitudes.



# .DCP

DATA CENTER  
POWER GENERATORS  
250-3300 KVA





# THE POWER FOR YOUR DATA CENTER

DIESEL/HVO POWER GENERATORS  
BUILT TO SUPPLY RELIABLE POWER  
FOR DATA CENTERS OF ALL SIZES  
ANYWHERE IN THE WORLD.

POWER GENERATORS COMPLIANT WITH **uptime**  
INSTITUTE

DESIGNED TO GUARANTEE 100% RELIABLE POWER  
IN MISSION CRITICAL APPLICATIONS

TURNKEY SOLUTIONS & SHORT LEAD TIME



# 100% RELIABLE POWER ON SITE

FROM STANDARD SOLUTIONS TO  
CUSTOMIZED PROJECTS, ELCOS  
SUPPORTS YOUR NEEDS WITH A  
DEDICATED APPROACH FOR 50 YEARS.

POWER GENERATORS DESIGNED ACCORDING THE TIER  
CLASSIFICATION CRITERIA FOR DATA CENTERS APPLICATIONS DEFINED  
BY UPTIME INSTITUTE TO GUARANTEE THE CONTINUED OPERATION

## OUR SPECIALIZED PARTNERS



## DCP (DATA CENTER POWER):

Data Center Power (DCP) considers diesel generator sets rated for unlimited hours of operation, with no restrictions on average variable load factor as per ISO 8528-1 and uptime institute.



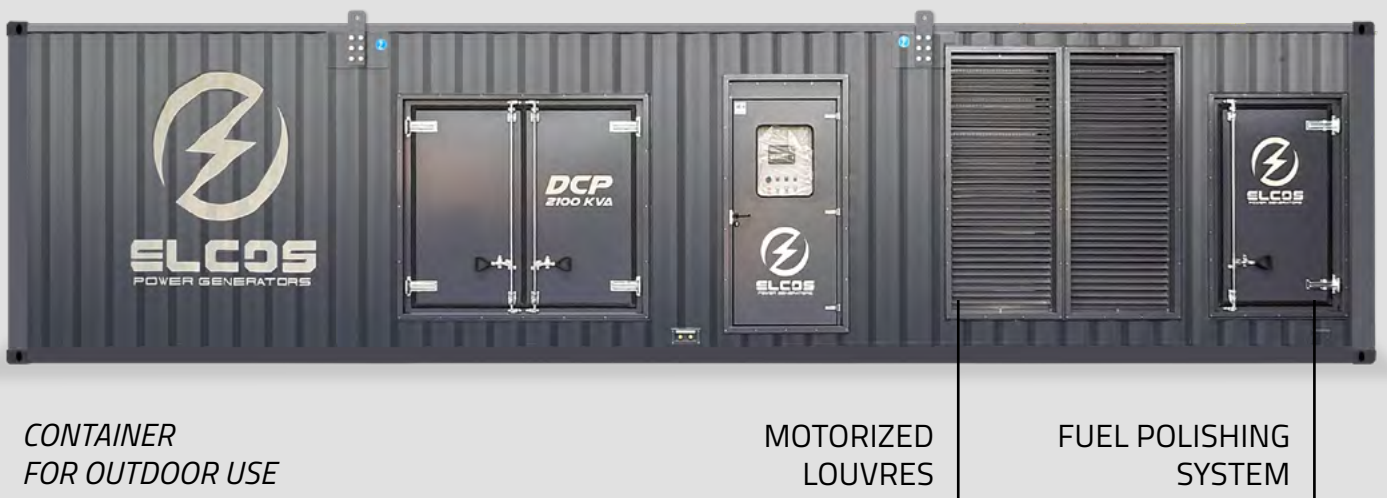
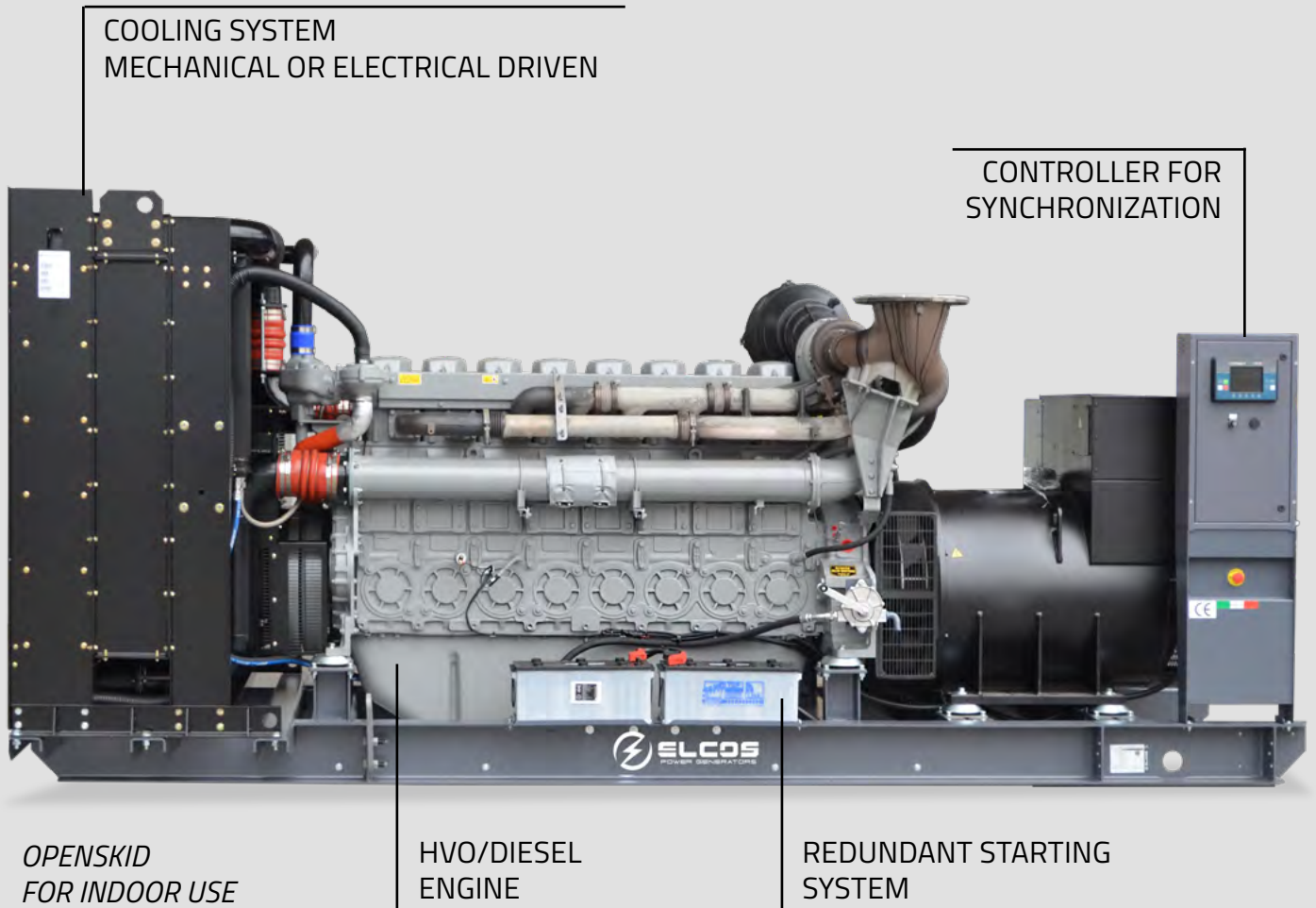
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# KEY FEATURES





KEY FEATURES		COMPLIANT WITH INDUSTRY-STANDARD
		RELIABLE ENGINE START REDUNDANT CRANKING DEVICE REDUNDANT BATTERY KIT
		COOLING PACKAGE RADIATOR AND COOLING SOLUTIONS SUITABLE FOR WORKING AT EXTREME ENVIRONMENTS (I.E.REMOTE RADIATOR & HEAT EXCHANGERS) MOTORIZED LOUVRES
		SOUND ATTENUATED STACKABLE CONTAINER
ENVIRONMENT		HVO FUEL
		CAPABLE FOR HEAT RECOVERY
		DPF (DIESEL PARTICULATE FILTER)
		SUPER SILENCED MUFFLER
		FIRE DETECTION AND EXTINGUISHING SYSTEM
CONTROL SYSTEMS		SYNCHRONIZATION AND PARALLEL OPERATION
		TAILOR MADE SCADA SYSTEM
		LOW/MEDIUM VOLTAGE
		FUEL POLISHING SYSTEM
SERVICES		COMMISSIONING
		ON SITE TRAINING - Well trained multi-language engineers
		ON SITE MAINTENANCE
		REMOTE MONITORING
		SPARE PARTS

# CASES OF TURNKEY PROJECTS

- . CONCEPTUAL DESIGN
- . DETAILED PROPOSAL
- . SITE SURVEY
- . PLANNING
- . QUOTATION & RECOMMENDATION
- . PRODUCT MANUFACTURING
- . COMMISSIONING
- . TRAINING
- . MAINTENANCE

LOOKING FOR A CUSTOMIZED POWER SOLUTION?  
CONTACT US FOR A TAILORED CONSULTATION!



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# CASE 003

LOCATION: Scandinavia, EUROPE

KEY FEATURES:

Heating recovery

POWER INSTALLED:	4 x 2100 kVA DCP
ENGINE:	BAUDOUIN 20M33G2250/5
ALTERNATOR:	STAMFORD S7L1D-H
FUEL TANK:	Internal 4.000 It with automatic refilling pump and fuel polishing system
CONTROLLER:	ComAp IG-NTC-BB (sync, GCB + MCB management, engine heating management)



# CASE 002

LOCATION: Central EUROPE

KEY FEATURES:

Bunded floor / spill-proof unit

POWER INSTALLED:	2 x 650 kVA DCP
ENGINE:	BAUDOUIN 6M33G715/5
ALTERNATOR:	STAMFORD HCI544F
FUEL TANK:	Internal 3.000 It with leakage alarm
CONTROLLER:	ComAp IG500 Sync and parallel



# CASE 001

LOCATION: Italy, EUROPE

KEY FEATURES:

Enhanced painting for saline environment

POWER INSTALLED:	2 x 1000 kVA DCP
ENGINE:	PERKINS 4008-TAG2A
ALTERNATOR:	STAMFORD S6L1D-E
FUEL TANK:	Internal 4.000 It with automatic refilling pump
CONTROLLER:	Elcos enhanced controller MC4evo + remote monitoring system





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MEMBER OF  
**GENERAZIONE  
DISTRIBUITA**  
Motori, Componenti e Gruppi Elettrogeni

FEDERATA



**ANIMA**  
CONFINDUSTRIA  
MECCANICA VARIA



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