

.DCP

DATA CENTER POWER
250-4100 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 4100 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.

DATA CENTER
POWER GENERATORS
250-4100 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.

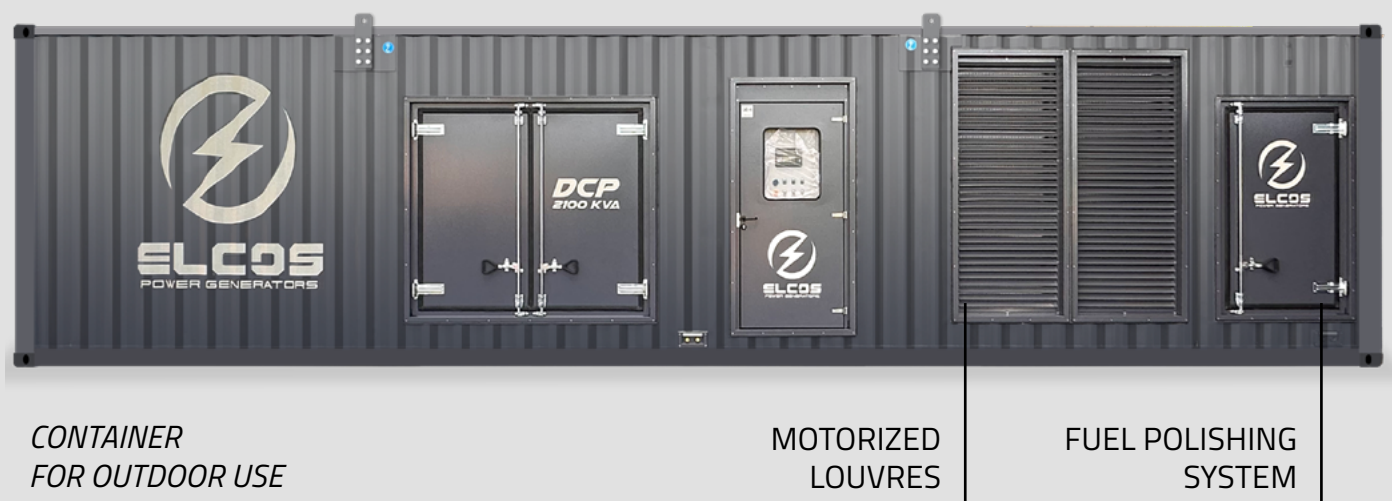
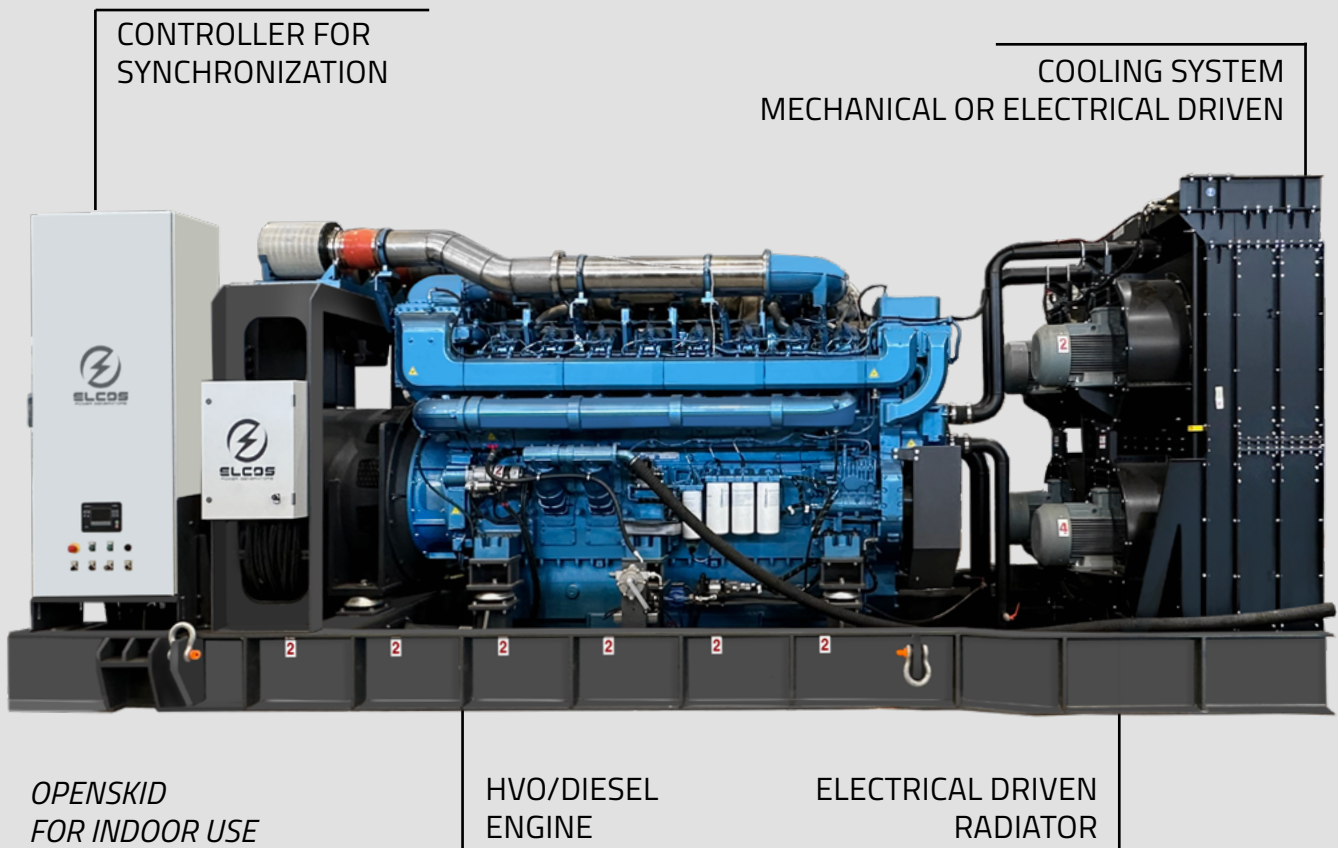


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KEY FEATURES



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.DRY COOLER + 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 lt with automatic refilling pump and fuel polishing system
CONTROLLER:	ComAp IG-NTC-BB (sync, GCB + MCB management, heat and heating management)



CASE 002

LOCATION: Norway, EUROPE

KEY FEATURES:

Dual (redundant) cranking motor/
Electrical driven radiator/ HVO poli-
shing system / Redundant battery kit

POWER INSTALLED:	3x3000 kVA DCP 400 Vac I 6MW
ENGINE:	BAUDOUIN 16M55G3300/5
ALTERNATOR:	MECCALTE ECO47LV - 2M/4A
CONTROLLER:	ComAp IG-1000 + IV5.2 display 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 lt 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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