

DATA CENTER ENERGY SOLUTIONS





ASCOT INDUSTRIAL

COMPANY IN BRIEF

Ascot is an Italian manufacturing group operating internationally in the Power Energy Sector, mainly focused on the production of Green Energy Solutions (Diesel, LPG, NG), Hybrid Technologies & Power Plants, designed in accordance to customer specifications at varying climatic conditions.

Originally established in 1986, Ascot has since expanded its presence in over 60 countries throughout Europe, Africa, Middle East, Asia, Latin America and the USA.



**TELECOMMUNICATION &
INFORMATION TECHNOLOGY**



**DATA CENTER
ENERGY SOLUTIONS**



**CIVIL & INDUSTRIAL
ENERGY SOLUTIONS**



**MOBILE & EMERGENCY
ENERGY SOLUTIONS**



**DEFENCE
ENERGY SOLUTIONS**

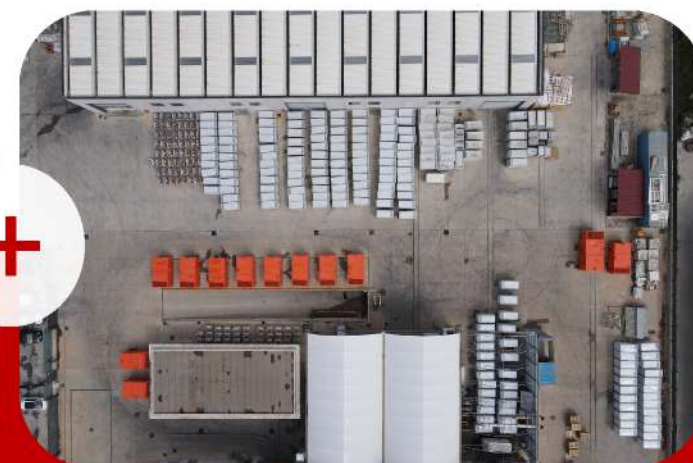


**OIL & GAS
ENERGY SOLUTIONS**

ASCOT INDUSTRIAL

THE POWER THAT **YOU NEED**

Worldwide Leader in the Energy Sector as an **Energy Solutions Provider**,
ASCOT develops Projects according to specific customer's needs.



ITALIAN MANUFACTURING

**100% EUROPEAN COMPONENTS
& PROFESSIONAL ASSEMBLY**

**ITALIAN DESIGN
AND TECHNOLOGY**

ASCOT INDUSTRIAL CERTIFICATIONS & ASSOCIATIONS

Formally confirming that your products and services meet all trusted external and internal standards. Certification proves your credibility to the market.



ASCOT INDUSTRIAL

ASCOT PRODUCTS **GAMMA**



ENGINE POWERED

A wide range of Power Solutions, specifically designed to respond to the needs of Telecommunications Sector with the best cost/efficient CAPEX & OPEX configurations.



HYBRID POWERED

Ascot Hybrid-Powered Generators such as the DC-HPU and HPU-X represent the leading technology in the market. They permit very low emissions and best fuel savings.



ECO POWERED

Ascot Eco-Powered Energy Solutions are a complete range of products characterized by 0 polluting emissions thanks to the utilization of renewable energy sources.

DATA CENTER PROJECT IN MALDIVES





- Super Tailored Design
- Anti Vibration
- Compact Design Ready for Rooftop

DESIGNED FOR DATA CENTER

2x1250 kVA

ULTRASILENT POWER PLANT

AC 2 x 1250 kVA DATA CENTER

Secure standby power solutions with modular units of 1250 kVA up to 3200 kVA - 50/60 Hz, capable of being connected in parallel, providing proven reliability to achieve uptime in excess of 99,9%.

UNIQUE SELLING POINTS

- Suitable for critical environmental conditions
- Super Silent Canopy 65db@1m
- IoT Full Remote Management System
- Anti Vibration
- Compact design ready for rooftop
- Synchronized and Parallel Functionality
- Super Tailored Design

SUGGESTED FOR:

- Data Center
- Rooftop Buildings

DATA CENTER PROJECT IN MALDIVES



SUGGESTED FOR DATA CENTER

2000 kVA

- Low Noise Emissions
- High Reliability
- Suitable Tier III-Tier IV Data Center



INDOOR SYSTEM

AC 2000 kVA FOR DATA CENTER

Secure standby power solutions with modular units up to 2000 kVA - 50/60 Hz, capable of being connected in parallel, providing proven reliability to achieve uptime up to 99,9%. These AC Gen Solutions are the typical application due to their ability to start quickly, to maintain steady-state output power within relatively tight limits, and to respond to load transients quickly.

UNIQUE SELLING POINTS

- Low Noise Emissions
- Special Tailor Made Solution
- Exhaust threatment system for low pollution emission
- High Reliability
- Suitablefor Tier III-Tier IV Data Center
- Automatic Synchronizing Control Panel
- IoT Full Remote Control

SUGGESTED FOR:

- Data Center

DATA CENTER PROJECT IN TANZANIA



DESIGNED FOR DATA CENTER

2000 kVA

- Low Noise Emissions
- Super Silent
- Suitable Tier III-Tier IV Data Center



ULTRASILENT SYSTEM

AC 2000 kVA FOR DATA CENTER

Secure standby power solutions with modular units up to 3000 kVA - 50/60 Hz, capable of being connected in parallel, providing proven reliability to achieve uptime up to 99,9%. These AC Gen Solutions are the typical application due to their ability to start quickly, to maintain steady-state output power within relatively tight limits, and to respond to load transients quickly.

UNIQUE SELLING POINTS

- Low Noise Emissions
- Super Silent 65db@1m
- Special Tailor Made Solution
- Automatic Speed Radiator Regulation
- Suitable for Tier III-Tier IV Data Center
- Automatic Synchronizing
- Control Panel

SUGGESTED FOR:

- Data Center

DATA CENTER PROJECT IN IRAQ



SUGGESTED FOR DATA CENTER

3 x 500 kVA

- Low Noise Emissions
- Super Silent
- Suitable Tier III-Tier IV Data Center



ULTRASILENT SYSTEM

AC 3 x 500 kVA DATA CENTER

Secure standby power solutions with modular units up to 3000 kVA - 50/60 Hz, capable of being connected in parallel, providing proven reliability to achieve uptime up to 99,9%. These AC Gen Solutions are the typical application due to their ability to start quickly, to maintain steady-state output power within relatively tight limits, and to respond to load transients quickly.

UNIQUE SELLING POINTS

- Low Noise Emissions
- Super Silent 70db@1m
- Special Tailor Made Solution
- Special size canopy with a low footprint
- Suitable for Tier III-Tier IV Data Center
- IoT Full Remote Control
- High Reliability
- Special Tailor made Solution

SUGGESTED FOR:

- Data Center

YOUR UPTIME PARTNER SAFE. RELIABLE. PROVEN.

99.9%
UPTIME GUARANTEE



MODULARITY & SCALABILITY - UPTIME & RELIABILITY - REDUNDANCY OF THE POWER SYSTEM - HIGH PERFORMANCE



SUPER SILENT



TAILOR MADE



REMOTE MGMT SYSTEM



600 kVA - 3 MVA

HIGH-PERFORMANCE ENERGY SOLUTIONS FOR TELCOs



DATA CENTERS POWER SOLUTIONS

2 MVA DCP RATED GENSET
EXCLUSIVE 60 / 70 db@1m
99,9% UPTIME POWER GUARANTEE
COMPATIBLE WITH ANY INSTALLED UPS

CERTIFIED TO BE THE BEST IN CLASS

Registration n. IT01.IT/1857.58.V

www.madeinitaly.org

- DESIGNED AND MANUFACTURED ENTIRELY IN ITALY

- Based on company's own project and design
- Made with Italian/European components
- Complete work traceability in Italy

- MADE WITH NATURAL QUALITY MATERIALS

- Quality, first choice materials
- Raw materials origin full traceability
- Natural materials or natural compounds

- BUILT ACCORDING TO TRADITIONAL WORKING METHODS

- Use of company's specific workmanship
- Use of traditional workmanship techniques

- MADE IN OBSERVANCE OF EMPLOYEES, HEALTH AND SAFETY STANDARDS

- Ethical treatment of employees;
- Manufactured according with the Hygiene, Healthcare and safety regulations

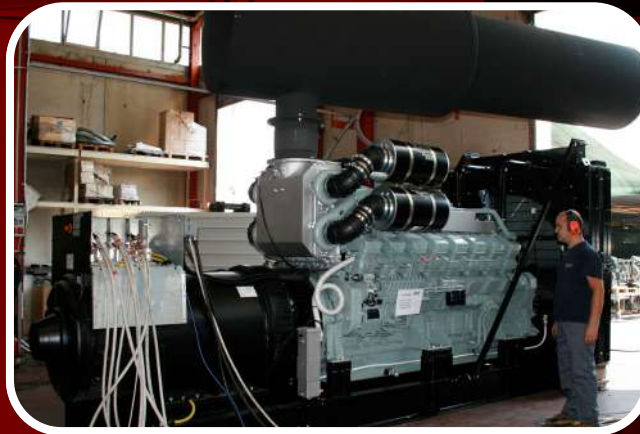
Ascot Industrial S.r.l.

Zona industriale Terza strada - Gela (CL), Italy

info@ascotinternational.com

www.ascotinternational.com

DATA CENTER PROJECT IN QATAR



ALL DATA CENTER REFERENCES

ROMANIA - All over - 10 MW - since 1994

KENYA - Nairobi - 3 MW - Year 2010

IRAQ - Baghdad - 2 MW - Year 2011

QATAR - Doha - 2 MW - Year 2013

UGANDA - Nairobi - 2 MW - Year 2013

SUDAN - Karthoum - 3 MW - Year 2013

TANZANIA - 10 MW - Year 2013 - 2014

TANZANIA - 2 MW - Year 2020

MALDIVE - 4MW - Year 2018-2022