



Energy Everywhere

modular power plant

Ascot

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MODULAR POWER PLANT



POWER PLANT
INDEPENDENT
AND MODULAR
POWER STATION
UP TO 80 MW



ASCOT POWER PLANT DIVISION

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MOBILE AND FIXED MODULES FOR FAST INSTALLATION

Ascot Modular Power Plants have been designed to meet the market demands of **FAST INSTALLATION** and execution of work.

Proposed in Mobile and Fixed modules due to their characteristics are suitable for all kinds of applications. **EASILY INSTALLED** on the job site, they can work in synchronized configuration

between the modules and/or with the grid.

The modules can be connected to operate power plants from 2 to 80 MW and higher.

“ Modular Power Plant for Heavy industry: Petrol, Chemical, Earth moving, Textile, Metallurgy, Aquaduct etc. ”

INDIPENDENT POWER MODULE



MODULAR POWER PLANT





INDEPENDENT POWER MODULES

INDEPENDENT POWER MODULES

2 MW,
11/3.3/6.6 KV
50 HZ



The power package has been designed to meet the demand of fast installation and execution of works. Immediately ready to start, once positioned on the ground, is completely independent and it can deliver power as soon as connected.

Plug & Play Connection

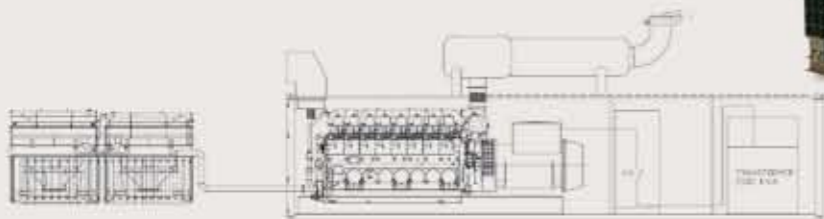
The connection between the "Power" and "Control Module" is realized via special fast plug and play connectors working at high voltage to satisfy the demand of fast moving of the modules from one site to another.

COMPOSITION OF TYPICAL PACKAGE:

- Generator set from 1 to 2 MW;
- 40 foot silenced container at 65dB(A);
- 20 foot conditioned container for MV panels;
- 3,000 Lt. automatic fuel tank or 12 hours operation;
- 5,000 hours spares parts & tools.

Operation Working mode

Designed for tropical and hot climate areas with ambient temperatures up to 55°C in the shade & humidity up to 90%; sand traps and storm protection devices are implemented with all the accessories required by the customer.



MODULAR POWER PLANT

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MOBILE
MODULES
FROM 1 TO
2 MW



Based on complete and independent power modules between 1 and 2 MW and installed in a 40 foot standard container, manufactured by Ascot for the specific application, they can be easily transported completely assembled and ready to start on the job site without any specific transport limitation. Easily installed in the job

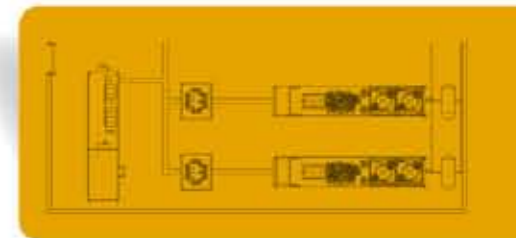
site, they can be working in synchronized configuration between the modules or with the grid. The Plug & Play package includes also the fuel storage tank and automatic refilling system, Oil system, medium voltage control panel, connection cables, black start generator and on request also the civil and engineering works.

Ascot Modular Power Plants have been designed to meet market demands of fast installation and execution of works. Proposed in Mobile and Fixed modules due to their characteristics are suitable for all kind of applications.

FIXED MODULAR
POWER PLANT
FROM 3
TO 4 MW

Based on complete and independent power modules between 3 and 4 MW and **INSTALLED IN BUILDING** **DESIGNED BY ASCOT** for the

specific application. The Plug & Play package are supplied ready to start with all the accessories required by the customer.





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