

e-Generator Fast Charging Station



AC Input
20 kW

Battery Capacity
75-400 kWh

AC Output
20-80 kW(3ph)

DC Output
60-360 kW

Battery-Powered e-Generator

(220V / 400V AC Output – Silent, Clean, and Uninterrupted Power)

Thanks to the battery infrastructure of the electric mobile charging project, the system is not only a fast charging solution; it can also function as a battery-powered e-generator that activates during grid power outages. It operates silently, requires no maintenance, is environmentally friendly, and safely supplies critical loads.

Key Features of the Product

Safety / Maintenance

Fire Protection: The system is secured with a specially designed automatic fire suppression system against battery-related fire risks.

Uninterruptible Power During Power Outages: It activates immediately when grid power is cut, ensuring the interruption is not felt. This prevents elevators from stopping; security cameras, lighting, servers, and other critical infrastructures continue operating without interruption.

Maintenance-Free Design: Since there are no components requiring regular maintenance such as oil, fuel, or filters, it does not create periodic costs. Intelligent battery management continuously monitors the system, preserving its health and supporting safe operation.

Long Operating Time: Depending on usage conditions and load levels, it can supply critical systems for periods ranging from 5-6 hours up to 24 hours. By eliminating voltage fluctuations, it ensures sensitive devices operate in a stable and secure manner.

Comfort / Environment

Silent Operation: It operates without the noise and vibration produced by traditional generators. This allows it to be used safely in environments such as residential buildings, offices, shopping malls, hospitals, and hotels without disturbing the surroundings.

Compatible with Green Energy: It operates with a zero-emission goal thanks to a fully electric design that consumes neither diesel nor gasoline. It can safely draw energy either from solar power or from the existing grid, thereby directly contributing to the reduction of the carbon footprint.

High Efficiency: Compared to diesel generators, it offers a more efficient solution, delivering up to twice the efficiency.

IoT and Remote Management: Thanks to the smart energy dashboard, the system's status can be monitored in real time. With remote monitoring and control features, operations become easier, safer, and more manageable.