

# RENTE



**KJ** POWER GENERATOR



# ***KJ Power Rental***

## ***The Peak of Power and Efficiency***

Standing out with their power and performance, our rental generators are designed based on high efficiency, durability, and reliability to meet the most demanding energy needs. Thanks to advanced technology, it provides uninterrupted energy while increasing operational efficiency and reducing environmental impact. With its user-friendly structure, robust design, and flexible usage areas, it is an ideal rental energy solution for emergencies, outdoor events, and projects requiring high energy.

- Suitable for outdoor conditions thanks to its durable cabin and chassis structure.
- Offers long-lasting and stable operation with a high-efficiency engine system.
- Adapts to various field and project needs with different power options. It offers ease of use and superior performance together.



**KJ** POWER  
GENERATOR

[kj.com.tr](http://kj.com.tr)

## Güvenlik Koruma Donanımları

### Fire Extinguisher:

Selected according to the engine type and power class, the fire extinguisher is positioned at an easily accessible point to provide rapid response against potential fire risks.

### Plexiglass Protection:

Transparent plexiglass protection elements are used in sections containing electrical risks within the control or power panel to increase operator safety.

### Battery Circuit Breaker:

Ensures the battery is safely disconnected from the system during maintenance and service operations.



### Body Mounts:

The body mounts integrated into our generator chassis safeguard the equipment against impacts and shocks during transit and shipping, effectively preventing potential damage.

### Battery Hold-Down:

The battery hold-down bracket ensures secure and stable operation by preventing the battery from shifting during transport or use.

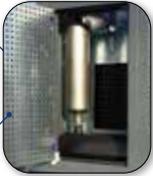
### Grounding Terminal, Grounding Rod Connection Point, and Galvanized Rod:

A standard grounding infrastructure is created for the safe operation of the generator and to conduct leakage currents to the ground.

## Chassis and Structural Features

### Radiator Access Door:

Facilitates access to the radiator during maintenance and cleaning operations.



### Forklift Pockets:

Pockets suitable for forklift entry from the sides, preferably from two directions, are available for easy transport of the generator in the field.

### Crane Lifting Hook (4 Points + Center Single Point):

A multi-point lifting structure is used to balance the load distribution during lifting operations with a crane..



### Chassis Tow Hook Point and Tow Bar:

Connection points suitable for towing equipment are provided for short-distance on-site transportation.

### Double-Walled Chassis + Leak Detection Switch:

Implemented to detect fuel or oil leaks before they spread to the environment and to prevent potential environmental risks.



## Fuel and Engine System

### Internal Fuel Tank

Designed with a capacity to provide at least 12 hours of uninterrupted operation at 100% load.

### Manual Oil Drain Pump

Facilitates oil change and maintenance operations. Available on Volvo engines, this feature is also added to other engine types.

### 6-Way Fuel Valve + Quick Coupling

Offers flexible and fast connection possibilities for direct engine supply and external fuel connections.

### Analog Fuel Gauge on Chassis

Allows for quick and practical monitoring of fuel levels in the field.

### Fuel Water Separator

Protects the engine by separating water within the fuel; if not present on the engine, it is added to the system.

## Electric and Lighting

### Panel and Cabin Lighting

Ensures maintenance and control operations are carried out safely at night or in low-light environments.

### Modular Type Socket Panels

Offers both mechanical protection and an aesthetic structure with a recessed modular socket plate design on the cabin side.

### Power Connector

Used instead of sockets in high-power generators, offering safe, fast, and error-free connection possibilities in high-power applications.

### Socket Outputs

#### (16A/32A/63A/125A/160A CEE)

Mandatory in rental products; however, the socket type and quantity are determined according to customer request.

## Optional Features

### GPS Tracking System

Allows remote monitoring of location, operating time, and movement information of rental products.

### Fire Detector (Inside Cabin)

Provides an additional layer of security by detecting early signs of fire inside the cabin.

### Pre-Air Heater

Supports healthier engine operation in cold weather conditions; suitability is evaluated according to the engine model.

### Locking Cap at Fuel Fill Point

Prevents unauthorized fuel interventions.

### External Fuel Fill Capability

Allows fuel filling without opening the cabin.

## Other Options

### Sand Filter

Protects the engine in dusty and challenging field conditions.

### Rock Wool Insulation + Perforated Sheet

Improves sound and heat insulation.

### PMG + AVR

Thanks to the PMG (Permanent Magnet Generator), the generator maintains constant voltage even under sudden loads.

### Toroid - Relay Protection Circuit

Through connections made on the output power side, leakage current and phase imbalances are precisely detected, effectively ensuring system safety and continuity.

### Mains Socket

Used to feed the battery jacket water heater and perform ATS functions.

### Breaker - Contactor Group

Used for load control and safe energy distribution.

### Residual Current Protection (RCD)

Provides protection against leakage currents in socketed products for human and equipment safety.

### Alternator Heater

Protects the alternator from negative effects caused by humidity and cold.

### Moisture Detector

Detects moisture inside the alternator and informs the operator for safety purposes.

