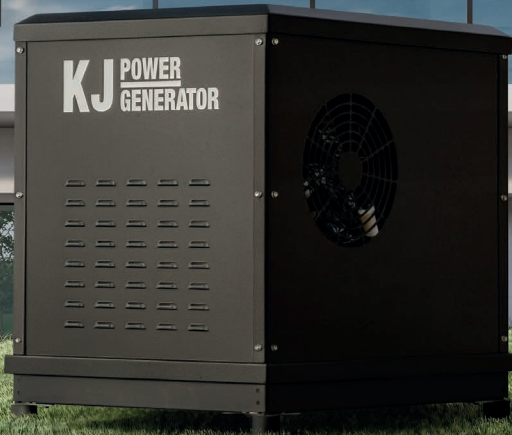


# Reliable and Clean Energy with Natural Gas Technology



**KJ** POWER  
GENERATOR  
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## Features

### Multi-Fuel Capability

The KJR20 Ranger operates on natural gas, LPG, and gasoline, delivering uninterrupted power under any condition with flexible fuel options.

### 35 HP Vanguard Engine

Equipped with a 35-horsepower Vanguard engine designed for high efficiency and long life, ensuring maximum performance even in the most demanding field conditions.

### PMG Alternator

Features a PMG (Permanent Magnet Generator) alternator for high-quality and stable electrical output, providing safe energy for sensitive equipment.

### Variable Speed Operation & ECO Mode

Offers variable speed operation via ECO mode, delivering benefits of fuel savings and reduced emissions, adapting to power demand.

### Quiet Operation

Advanced insulation and horizontal engine technology ensure exceptionally low noise levels, enabling a comfortable and quiet working environment.

### Lightweight Aluminum Chassis

A lightweight and durable aluminum frame, a leader in its segment, allows for easy transport and long-lasting usage.

### Electronic Control System

Modern electronic control system enables intelligent, safe operation and user-friendly management.

### High-Quality Power Output

Provides stable and high-quality electricity for a wide range of equipment and applications.

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## Engine Specifications

Model	Vanguard 6134
Speed - Rpm	2000-3600
Prime Power, net	23 kWm
Standby Power, net	25 kWm
Cycle	LPG & Gasoline 4T
Emission Standard	EU Stage V
Injection System	Electronic Ignition
Governor	Electronic
Intake Air Aspiration & Configuration	Natural
Number Of Cylinder	2
Bore X Stroke	85 x 86 mm
Displacement	0,993 lt
Fuel Consumption 100% - 75% - 50%	-
Starting System	12V DC
Cooling System	Air Cooled
Coolant Capacity	-
Lube Oil Capacity	2,3 lt



## Alternator Specifications

Prime Power	18 kVA
Standby Power	20 kVA
Poles	2
Number Of Phase	1
Number Of Bearing	Single
Insulation Class	H
Number Of Wires	12/6
Winding Pitch	2/3
Protection Class	IP21
Cooling	Self Ventilating
Voltage Regulator	Electronic Avr
Steady State Voltage Regulation	$\pm 0,5\%$
Thd (No Load)	$< 3,5\%$
Thd (Linear Load)	$< 5\%$
Excitation	PMG

With a permanent magnet alternator and variable voltage DC output, a reduction of up to 70% in weight and dimensions has been achieved.

