

6-Pole Land Use Generator

The 6-pole land use generator is a robust and efficient electrical power generation unit designed for stationary applications. Engineered for reliable power output, it features a rugged construction, efficient cooling system, and stable voltage regulation, making it suitable for continuous operation in demanding environments.



ADDITIONAL IMAGES



Overview

High-Efficiency 6-Pole Generator

This 6-pole land-use generator is engineered for robust performance in industrial and commercial stationary applications. Featuring a patented high-efficiency winding design and advanced voltage regulation, it optimizes fuel consumption while ensuring stable power output. With a compact structure and enhanced thermal management, this unit is built for durability, reliability, and ease of integration into diverse power systems.

Performance Metrics

Rated Power Range

40 KW

Min Power

3000 KW

Max Power

Capacity Range

50 KVA

Min Capacity

3750 KVA

Max Capacity

Technical Specifications

Insulation Class

Class H

Voltage Range

110V - 690V

Operating Speed

1000 rpm

Frequency

50Hz, 60Hz

Degree of Protection

IP21 to IP55

Design Features

Design Advantages

- Patented high-efficiency winding design
- Pitch 2/3 winding design for reduced waveform distortion
- Built-in exciter structure for low vibration and low loss
- Compact size for improved ventilation and heat dissipation

Voltage Regulation

AVR Capabilities

Feature	Description
Compatibility	50/60Hz brushless excitation
Protection	Frequency compensation, EMI filtering, fuse protection
Voltage	Multi-voltage selection (110V, 220V, 440V)
Advanced	Parallel operation with over-excitation protection