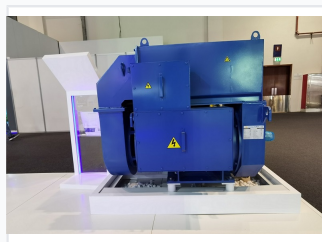


# Industrial IP55 Generator

This robust generator is designed for demanding industrial applications. Its IP55-rated enclosure provides excellent protection against dust and water ingress, ensuring reliable operation in harsh environments.



## ADDITIONAL IMAGES



## Overview

### Industrial High-Efficiency Generator

This robust IP55-rated industrial generator is engineered for both continuous (S1) and standby power applications in demanding environments. Featuring a patented high-efficiency winding design and an advanced voltage regulator system, it delivers superior power output with reduced fuel consumption. With its durable construction and intelligent heat dissipation, this generator ensures long-term reliability and stable operation across diverse power systems.

## Technical Specifications

### Key Performance Metrics

**1500 rpm**  
Speed (50Hz)

**1800 rpm**  
Speed (60Hz)

**0.8**  
Power Factor

**4000 m.a.s.l**  
Max Altitude

### Electrical Characteristics

Feature	Value
Voltage Range	110V - 690V
Phase Configuration	Single / 3-Phase
Frequency	50Hz / 60Hz
Voltage Regulation	+/- 1%
Insulation Class	H

## Construction & Durability

### Operating Conditions

- Ambient temperature range: 27°C to 60°C
- Temperature rise: 80°C to 163°C
- Overload capacity: 10% for 1 hour
- Overspeed tolerance: 1.25 times

### Enameled Copper Rotor

The rotor utilizes innovative enameled copper flat wire windings for enhanced reliability. Insulation reinforcement on the first and last three turns of each pole significantly boosts resistance to voltage shocks and extends component life.

### Design & Protection

IP55 Protection, 2/3 Winding Pitch, Single/Double Bearing, Built-in Exciter, Revolving Lamination