

IP44 Rated Power Generator

This IP44 rated generator is designed for robust power generation in demanding environments. Its durable enclosure protects against solid objects and water spray from any direction.



ADDITIONAL IMAGES



Product Overview

Industrial Power Solutions

This high-performance IP44 rated generator is engineered for continuous and standby power applications in demanding environments. Featuring patented high-efficiency winding and a specialized rotary lamination stator, it provides superior energy conversion, reduced fuel consumption, and optimized heat dissipation. The unit offers flexible voltage options and robust protection, ensuring long-term reliability and stable performance in diverse industrial settings.

Electrical Performance

Key Operational Metrics

1500 rpm
Speed

0.8
Power Factor

1 %
Voltage Regulation

Operating Voltage: 110V to 690V

Frequency: 50Hz, 60Hz

Mechanical Construction

Protection Degree
IP44 • IP55

Insulation Class: H

Bearing Configuration: Single / Double Bearing

Max Altitude: 4000 m.a.s.l

Ambient Temperature Range: 27°C to 60°C

Technical Advantages

Design Advantages

- Patented high-efficiency winding for reduced fuel consumption
- Unique pitch 2/3 winding to suppress voltage waveform distortion
- Built-in exciter structure for low vibration and loss
- Rotary lamination stator for improved magnetic circuit uniformity
- Reinforced rotor insulation against voltage shocks