

TECO Electric Motors and Variable Speed Drives



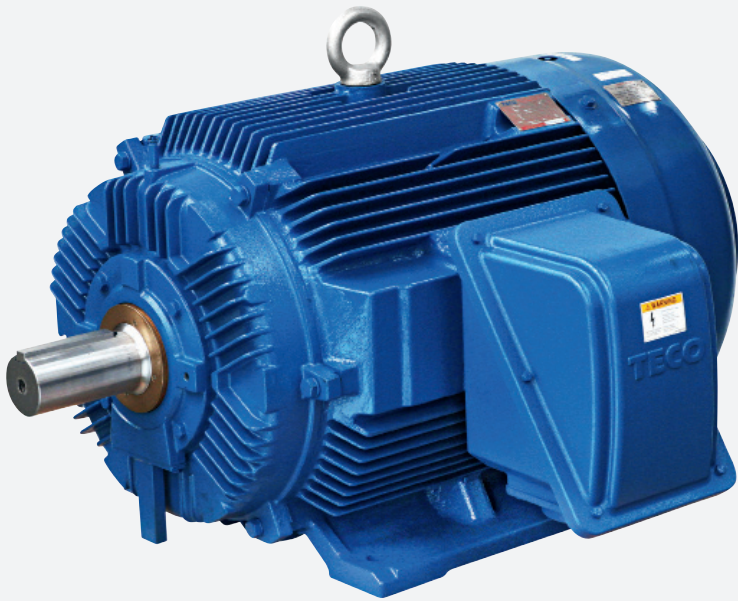


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Rotating the World Sustainably and Reliably with TECO's Industrial Solutions.



Who we are!

TECO is a global leader specialising in manufacturing and distribution of industrial Electric Motors and Variable Speed Drives.

Our extensive product range includes high-quality Low &- Medium Voltage Motors from fractional kW to 22,000 kW for supplies up to 14,200 Volts, energy-efficient Variable Speed Drives and reliable automation equipment.

Our commitment to excellence is evident in our longstanding ISO 9001 and ISO 14001 certifications. Furthermore, our recent acquisition of the EPACT Energy Efficiency Certificate solidifies our position as an exemplary player in the global marketplace.

TECO's commitment to technological advancement and sustainable practice has earned a reputation for delivering superior products and exceptional customer service.

With TECO, you can trust in industry-leading performance, reliability, and a commitment to sustainable practices.



Global Expertise with Local Support

Operating in over 40 countries across all five continents.



Vast Stock Availability

Largest stock range across Australia & New Zealand.

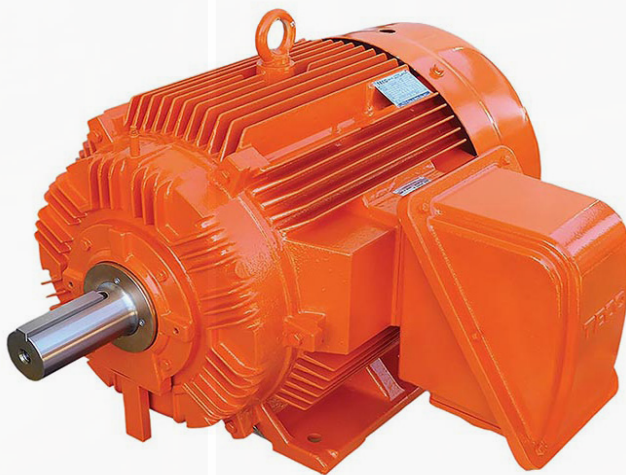


Local In-House Workshop

Full range of mechanical and electrical modifications ensuring adherence to TECO's stringent QA standards.

Revolutionise your operations with TECO MAXe3 Mining

Unleashing powerful performance and unmatched efficiency.



- Precision and rugged cast iron construction
- Class H insulation @180°C
- Typical temperature rise less than Class E
- 1.2 service factor @ 40°C ambient
- Suitable for 60°C ambient at rated output
- IP66 with porous drain plugs
- TECO renowned grease relief system
- Two sets of thermistors Indigo D160 frame and larger
- IECEx Ex e, Ex nA, Ex tD ready to order
- TECO Mining Specification
- X15 Orange paint finish

0.18kW to 450kW

3-phase Squirrel Cage Motor

Unmatched Safety

With a Totally Enclosed Fan Cooled design and an Ingress Protection Rating of IP66, TECO MAXe3 motors ensure the utmost safeguarding for your equipment, even in the most challenging environments.

Unmatched ROI

TECO MAXe3 motors deliver the industry's best payback periods and boast the lowest total cost of ownership. Designed for exceptional efficiency, they optimise energy utilization, resulting in significant savings throughout the motor's lifespan.

Unmatched Durability

TECO MAXe3 motors are engineered to withstand the most demanding environments, delivering reliable and efficient operation that surpasses all limits.



Experience the next Level of Industrial Motor Technology

Designed to withstand the most demanding operating conditions, these motors redefine excellence in performance and reliability.

With advanced features and robust construction, TECO MAXe3 Premium Severe Duty Motors deliver unmatched power, efficiency and durability for a wide range of industrial applications.

Whether facing extreme temperatures, high humidity, or heavy vibrations, trust in TECO MAXe3 Premium Severe Duty Motors to keep your operations running smoothly and efficiently, even in the harshest environments.

- Precision and rugged cast iron construction
- Class F insulation @155°C
- Typical temperature rise less than Class E
- 1.15 service factor @ 40°C ambient
- Suitable for 55°C ambient at rated output
- IP66 with porous drain plugs
- TECO renowned grease relief system
- Thermistors Indigo D160 frame and larger
- IECEx Ex e, Ex nA ready to order
- TECO Quality throughout
- TECO Blue paint finish

TECO MAXe3

Premium Severe Duty

0.18kW to 450kW
3-phase Squirrel Cage Motor



Unmatched Safety

With a totally enclosed fan cooled design and an Ingress Protection Rating of IP66, TECO MAXe3 Motors ensure safeguarding of your equipment, even in the most challenging environments.



Unmatched ROI

TECO MAXe3 Motors deliver the industry's best payback periods and boast the lowest total cost of ownership. Designed for exceptional efficiency, they optimise energy utilization, resulting in significant savings throughout the motor's lifespan.



Unmatched Durability

TECO MAXe3 Motors are engineered to withstand the most demanding environments, delivering reliable and efficient operation.



E510_s

IP66/ NEMA 4 up to 11kW

IP20/ NEMA 1 up to 55kW

General vector control drive -
Where cutting-edge technology
meets unparalleled efficiency.

— TECO E510s Drive builds upon the legacy of the renowned 510 series drive, incorporating cutting-edge features and advancements to meet global standards and power ratings.

It presents a cost-effective solution that caters to diverse application needs.

With its wide range of capabilities, including PM Motor Control, Safety Torque Off, Built-in PLC, Internal Communication Module, and IP66 Enclosure, the TECO E510s Drive is the ideal choice for standalone machine-level control applications or seamless system integration.

Safety torque off



Ensures a safe shut-down by disabling motor torque output when necessary. It provides an additional layer of protection for personnel and equipment, allowing for safer operations.

Internal Communication Module



Enables seamless automation and control of various machine processes. It eliminates the need for external controllers, reducing costs and streamlining system integration.

Built-in PLC



Enables seamless automation and control of various machine processes. It eliminates the need for external controllers, reducing costs and streamlining system integration.

Rugged IP66 Enclosure



Cost-effective solution for various application requirements, ensuring compliance with global standards and power ratings.

01

Environmental Protection

– In challenging industrial environments, protection against dust, water and other external elements is crucial. That's why the TECO E510s Drive is equipped with an IP66 Housing, ensuring unparalleled resistance and safeguarding against the ingress of dust and powerful jets of water. This robust Housing design provides reliable protection, even in the harshest conditions, giving you peace of mind and minimising the risk of drive failure.

03

Durability and Longevity

– The rugged construction of the IP66 Housing reinforces the TECO E510s Drive's durability. It shields the drive from physical damage, including accidental impacts or contact with solid objects, and offers protection against water from any direction. With this robust design, the drive can withstand the demands of industrial settings, reducing the risk of downtime, maintenance costs, and equipment replacement.

02

Reliability in Harsh Conditions

– The IP66 Housing of the TECO E510s Drive guarantees the highest level of protection against solid particles and water. Dust, debris, and moisture are prevented from infiltrating the drive, preserving its internal components and ensuring reliable operation. Whether you're operating in dusty manufacturing environments or facing exposure to water, the TECO E510s Drive withstands the elements and maintains optimal performance.

04

Versatility Across Industries

– The IP66 Housing makes the TECO E510s Drive suitable for a diverse range of industries and applications. Whether you're in manufacturing, food and beverage processing, water treatment, or any other sector that requires reliable motor control, the TECO E510s Drive's IP66-rated protection ensures uninterrupted operation and longevity. It is the ideal choice for applications where environmental conditions pose a challenge.

IP66 Enclosure - Uncompromising Protection for Reliable Performance



E510^s
TECO

⚠ DANGER / DANGER
Cut-off the power and wait for 5 minutes
before inspecting components.
Couper l'alimentation et attendre 5
minutes avant d'inspecter composants.
⚠ CAUTION / ATTENTION
See manual before operation.
Consultez le manuel avant l'opération.

IP66 / NEMA 4X
Indoor Use Only

TECO Group

TECO is dedicated to propelling Energy Conservation, Emissions Reduction, Intelligence & Automation, empowering our valued customers and partners to attain operational excellence, while fostering a greener, smarter, and sustainable future. By providing cutting-edge solutions and services for Operational Excellence, Energy Efficiency & Environmental Sustainability, we strive to be your preferred partner on the path to success.

Member of Down Jones
Sustainability Indices

Sustainability Yearbook
Member 2022 S&P Global

Won the Climate
Leadership Award in 2022

Ranked among the top 5% in
the Corporate - Governance
Evaluation





Why choose TECO Australia and New Zealand

Extensive Product Range

Our diverse and extensive product portfolio caters to various applications and industries, ensuring that customers can find the right solution to meet their specific requirements.

TECO App

Available for smartphones and tablets, TECO App enables you to have a real-time access to our huge selection of motors and drives anytime, anywhere.

Big Stock Availability

At TECO Australia and New Zealand, we maintain a vast stock of motors and drives, ready to go. Our extensive inventory ensures quick delivery, minimizing downtime and ensuring that our customers have access to the products they need when they need.

In-House Modification Service

TECO goes beyond offering off-the-shelf solutions. Our In-House modification services allow us to customize products according to customer specifications.



TECO Australia and New Zealand

Rotating the World Sustainably and Reliably with TECO's Industrial Solutions.

TECO is a global leader of innovative electrical solutions, catering to commercial and industrial sectors. With a strong presence in the region, TECO Australia and New Zealand specialises in the manufacturing and distribution of industrial electric motors and drives. Our extensive product range includes high-quality Low, Medium & High Voltage motors for various applications, energy-efficient variable frequency drives, and reliable automation components. By prioritizing technological advancement and sustainable practices, TECO Australia and New Zealand has built a reputation for delivering superior products and providing exceptional customer service. As a trusted partner, TECO continues to drive growth and efficiency in the electrical industry.



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