AIRIS FLUXION PRO Energy Saving

Technical Specifications Model CO-1000

Patented device that enables approximately 10% savings in electrical energy consumption in industrial installations through an advanced magnetochemical electron alignment process. This technology leverages innovative physical and chemical principles to optimize energy consumption.

PHYSICAL AND TECHNICAL SPECIFICATIONS
Model CO-1000

Input: 3-phase (RST-N)

Voltage: 220 ~ 1000 V

Frequency (Hz): 50 ~ 60 Hz

Dimensions (cm): 38 × 60 × 22 cm

Weight (kg): 50 kg

Capacity (kVA-AC): 750 kVA

Capacity (kW): 800 kW

Rated Current (A): 890 ~ 1265 A (at 3Φ, 400 V)

Cable Length (cm): 600 cm

Operating temperature: 5°C - 45°C

DESIGN / MATERIALS

Energy Distribution Collectors: High-conductivity electrolytic copper busbar system arranged in parallel configuration to maximize efficiency in electrical current distribution. Manufactured from superior-purity copper processed through controlled drawing and annealing.

Magnetic Stabilizers: High-intensity neodymium magnets designed to stabilize current flow in the electrical system, minimizing hysteresis losses and improving transmission efficiency. Magnets selected for their extraordinary power and conductivity provide precise electromagnetic field control.

Proprietary Insulation Layer: High-quality resin designed to provide superior electrical insulation, protecting internal components from moisture, dust, and other environmental influences. This layer is characterized by its ability to withstand high temperatures and provide exceptional dielectric insulation, which is essential in high-voltage systems.

Advanced Conductivity Layer: Electron-doped and graphene-enhanced resin that maximizes electrical efficiency and thermal dissipation. This advanced component aligns the electrons that will be injected into the grid, minimizing energy losses and ensuring greater efficiency in high-performance critical systems.

Optimized Resonance Layer: Advanced material specifically developed to optimize resonance and minimize structural vibrations in the electrical system. This layer includes high-density compounds that provide excellent electromagnetic damping, ensuring unprecedented stability.

Electromagnetic Shielded Enclosure: Metal casing with ceramic coating developed to act as a Faraday cage, providing advanced protection against electromagnetic interference. Ensures effective isolation of internal components from external disturbances, guaranteeing system operability in electromagnetically intensive environments.

AIRIS FLUXION PRO Energy Saving

Technical Specifications Model CO-80

Patented device that enables approximately 10% electrical energy savings in industrial installations through an advanced magnetochemical electron-ordering process. This technology leverages innovative physical and chemical principles to optimize energy consumption.

PHYSICAL AND TECHNICAL SPECIFICATIONS
Model CO-80

Input: 3-phase (RST-N)

Voltage: 110 ~ 600 V

Frequency (Hz): 50 ~ 60 Hz

Dimensions (cm): 18 × 25 × 8 cm

Weight (kg): 6 kg

Capacity (kVA-AC): 80 kVA

Capacity (kW): 64 kW

Rated Current (A): 50 ~ 80 A (at 3Φ, 400 V)

Cable Length (cm): 350 cm

Operating temperature: 5°C - 45°C

DESIGN / MATERIALS

Energy distribution collectors: Copper busbar system manufactured from high-conductivity electrolytic copper, arranged in a parallel configuration to maximize efficiency in electrical current distribution. Produced using high-purity copper, drawn and annealed under controlled processes.

Magnetic stabilizers: High-intensity neodymium magnets designed to stabilize current flow within the electrical system, minimizing hysteresis losses and improving transmission efficiency. These magnets are selected for their extraordinary strength and conductivity, providing precise control of the electromagnetic field.

Dedicated insulation layer: High-quality resin formulated to provide superior electrical insulation, protecting internal components from moisture, dust and other environmental influences. This layer withstands high temperatures and offers exceptional dielectric performance, essential in high-voltage systems.

Advanced conductivity layer: Electron-doped resin combined with graphene to maximize electrical efficiency and thermal dissipation. This advanced component aligns electrons injected into the grid, reducing energy losses and ensuring greater efficiency in high-performance critical systems.

Optimized resonance layer: Specialized high-density material designed to optimize resonance and minimize structural vibration in the electrical system. This layer incorporates compounds that provide superior electromagnetic damping, ensuring unprecedented system stability.

Electromagnetic-shielded enclosure: Metal housing with ceramic coating engineered to function as a Faraday cage, providing advanced protection against electromagnetic interference. It ensures effective isolation of internal components from external disturbances, guaranteeing system operability in electromagnetically intensive environments.

AIRIS FLUXION PRO Energy Saving

Technical Specifications Model CO-500

Patented device that enables approximately 10% savings in electrical energy consumption in industrial installations through an advanced magnetochemical electron alignment process. This technology leverages innovative physical and chemical principles to optimize energy consumption.

PHYSICAL AND TECHNICAL SPECIFICATIONS
Model CO-500

Input: 3-phase (RST-N)

Voltage: 220 ~ 1000 V

Frequency (Hz): 50 ~ 60 Hz

Dimensions (cm): 33 × 45 × 18 cm

Weight (kg): 28 kg

Capacity (kVA-AC): 500 kVA

Capacity (kW): 400 kW

Rated Current (A): 440 ~ 630 A (at 3Φ, 400 V)

Cable Length (cm): 550 cm

Operating temperature: 5°C - 45°C

DESIGN / MATERIALS

Energy Distribution Collectors: High-conductivity electrolytic copper busbar system arranged in parallel configuration to maximize efficiency in electrical current distribution. Manufactured from superior-purity copper processed through controlled drawing and annealing.

Magnetic Stabilizers: High-intensity neodymium magnets designed to stabilize current flow in the electrical system, minimizing hysteresis losses and improving transmission efficiency. Magnets selected for their extraordinary power and conductivity provide precise electromagnetic field control.

Proprietary Insulation Layer: High-quality resin designed to provide superior electrical insulation, protecting internal components from moisture, dust, and other environmental influences. This layer is characterized by its ability to withstand high temperatures and provide exceptional dielectric insulation, which is essential in high-voltage systems.

Advanced Conductivity Layer: Electron-doped and graphene-enhanced resin that maximizes electrical efficiency and thermal dissipation. This advanced component aligns the electrons that will be injected into the grid, minimizing energy losses and ensuring greater efficiency in high-performance critical systems.

Optimized Resonance Layer: Advanced material specifically developed to optimize resonance and minimize structural vibrations in the electrical system. This layer includes high-density compounds that provide excellent electromagnetic damping, ensuring unprecedented stability.

Electromagnetic Shielded Enclosure: Metal casing with ceramic coating developed to act as a Faraday cage, providing advanced protection against electromagnetic interference. Ensures effective isolation of internal components from external disturbances, guaranteeing system operability in electromagnetically intensive environments.

AIRIS FLUXION PRO Energy Saving

Technical Specifications Model CO-120

Patented device that enables approximately 10% savings in electrical energy consumption in industrial installations through an advanced magnetochemical electron alignment process. This technology leverages innovative physical and chemical principles to optimize energy consumption.

PHYSICAL AND TECHNICAL SPECIFICATIONS
Model CO-120

Input: 3-phase (RST-N)

Voltage: 110 ~ 600 V

Frequency (Hz): 50 ~ 60 Hz

Dimensions (cm): 22 × 30 × 10 cm

Weight (kg): 10 kg

Capacity (kVA-AC): 120 kVA

Capacity (kW): 96 kW

Rated Current (A): 90 ~ 140 A (at 3Φ, 400 V)

Cable Length (cm): 400 cm

Operating temperature: 5°C - 45°C

DESIGN / MATERIALS

Energy Distribution Collectors: High-conductivity electrolytic copper busbar system arranged in parallel configuration to maximize efficiency in electrical current distribution. Manufactured from superior-purity copper processed through controlled drawing and annealing.

Magnetic Stabilizers: High-intensity neodymium magnets designed to stabilize current flow in the electrical system, minimizing hysteresis losses and improving transmission efficiency. Magnets selected for their extraordinary power and conductivity provide precise electromagnetic field control.

Proprietary Insulation Layer: High-quality resin designed to provide superior electrical insulation, protecting internal components from moisture, dust, and other environmental influences. This layer is characterized by its ability to withstand high temperatures and provide exceptional dielectric insulation, which is essential in high-voltage systems.

Advanced Conductivity Layer: Electron-doped and graphene-enhanced resin that maximizes electrical efficiency and thermal dissipation. This advanced component aligns the electrons that will be injected into the grid, minimizing energy losses and ensuring greater efficiency in high-performance critical systems.

Optimized Resonance Layer: Advanced material specifically developed to optimize resonance and minimize structural vibrations in the electrical system. This layer includes high-density compounds that provide excellent electromagnetic damping, ensuring unprecedented stability.

Electromagnetic Shielded Enclosure: Metal casing with ceramic coating developed to act as a Faraday cage, providing advanced protection against electromagnetic interference. Ensures effective isolation of internal components from external disturbances, guaranteeing system operability in electromagnetically intensive environments.

AIRIS FLUXION PRO Energy Saving

Technical Specifications Model CO-220

Patented device that enables approximately 10% savings in electrical energy consumption in industrial installations through an advanced magnetochemical electron alignment process. This technology leverages innovative physical and chemical principles to optimize energy consumption.

PHYSICAL AND TECHNICAL SPECIFICATIONS
Model CO-220

Input: 3-phase (RST-N)

Voltage: 110 ~ 600 V

Frequency (Hz): 50 ~ 60 Hz

Dimensions (cm): 25 × 35 × 10 cm

Weight (kg): 13 kg

Capacity (kVA-AC): 220 kVA

Capacity (kW): 176 kW

Rated Current (A): 180 ~ 250 A (at 3Φ, 400 V)

Cable Length (cm): 400 cm

Operating temperature: 5°C - 45°C

DESIGN / MATERIALS

Energy Distribution Collectors: High-conductivity electrolytic copper busbar system arranged in parallel configuration to maximize efficiency in electrical current distribution. Manufactured from superior-purity copper processed through controlled drawing and annealing.

Magnetic Stabilizers: High-intensity neodymium magnets designed to stabilize current flow in the electrical system, minimizing hysteresis losses and improving transmission efficiency. Magnets selected for their extraordinary power and conductivity provide precise electromagnetic field control.

Proprietary Insulation Layer: High-quality resin designed to provide superior electrical insulation, protecting internal components from moisture, dust, and other environmental influences. This layer is characterized by its ability to withstand high temperatures and provide exceptional dielectric insulation, which is essential in high-voltage systems.

Advanced Conductivity Layer: Electron-doped and graphene-enhanced resin that maximizes electrical efficiency and thermal dissipation. This advanced component aligns the electrons that will be injected into the grid, minimizing energy losses and ensuring greater efficiency in high-performance critical systems.

Optimized Resonance Layer: Advanced material specifically developed to optimize resonance and minimize structural vibrations in the electrical system. This layer includes high-density compounds that provide excellent electromagnetic damping, ensuring unprecedented stability.

Electromagnetic Shielded Enclosure: Metal casing with ceramic coating developed to act as a Faraday cage, providing advanced protection against electromagnetic interference. Ensures effective isolation of internal components from external disturbances, guaranteeing system operability in electromagnetically intensive environments.

AIRIS FLUXION PRO Energy Saving

Technical Specifications Model CO-750

Patented device that enables approximately 10% savings in electrical energy consumption in industrial installations through an advanced magnetochemical electron alignment process. This technology leverages innovative physical and chemical principles to optimize energy consumption.

PHYSICAL AND TECHNICAL SPECIFICATIONS
Model CO-750

Input: 3-phase (RST-N)

Voltage: 220 ~ 1000 V

Frequency (Hz): 50 ~ 60 Hz

Dimensions (cm): 35 × 55 × 20 cm

Weight (kg): 38 kg

Capacity (kVA-AC): 750 kVA

Capacity (kW): 600 kW

Rated Current (A): 620 ~ 890 A (at 3Φ, 400 V)

Cable Length (cm): 550 cm

Operating temperature: 5°C - 45°C

DESIGN / MATERIALS

Energy Distribution Collectors: High-conductivity electrolytic copper busbar system arranged in parallel configuration to maximize efficiency in electrical current distribution. Manufactured from superior-purity copper processed through controlled drawing and annealing.

Magnetic Stabilizers: High-intensity neodymium magnets designed to stabilize current flow in the electrical system, minimizing hysteresis losses and improving transmission efficiency. Magnets selected for their extraordinary power and conductivity provide precise electromagnetic field control.

Proprietary Insulation Layer: High-quality resin designed to provide superior electrical insulation, protecting internal components from moisture, dust, and other environmental influences. This layer is characterized by its ability to withstand high temperatures and provide exceptional dielectric insulation, which is essential in high-voltage systems.

Advanced Conductivity Layer: Electron-doped and graphene-enhanced resin that maximizes electrical efficiency and thermal dissipation. This advanced component aligns the electrons that will be injected into the grid, minimizing energy losses and ensuring greater efficiency in high-performance critical systems.

Optimized Resonance Layer: Advanced material specifically developed to optimize resonance and minimize structural vibrations in the electrical system. This layer includes high-density compounds that provide excellent electromagnetic damping, ensuring unprecedented stability.

Electromagnetic Shielded Enclosure: Metal casing with ceramic coating developed to act as a Faraday cage, providing advanced protection against electromagnetic interference. Ensures effective isolation of internal components from external disturbances, guaranteeing system operability in electromagnetically intensive environments.

AIRIS FLUXION PRO Energy Saving

Technical Specifications Model CO-1500

Patented device that enables approximately 10% savings in electrical energy consumption in industrial installations through an advanced magnetochemical electron alignment process. This technology leverages innovative physical and chemical principles to optimize energy consumption.

PHYSICAL AND TECHNICAL SPECIFICATIONS
Model CO-1500

Input: 3-phase (RST-N)

Voltage: 220 ~ 1000 V

Frequency (Hz): 50 ~ 60 Hz

Dimensions (cm): 42 × 65 × 28 cm

Weight (kg): 54 kg

Capacity (kVA-AC): 1.500 kVA

Capacity (kW): 1.200 kW

Rated Current (A): 1330 ~ 1900 A (at 3Φ, 400 V)

Cable Length (cm): 600 cm

Operating temperature: 5°C - 45°C

DESIGN / MATERIALS

Energy Distribution Collectors: High-conductivity electrolytic copper busbar system arranged in parallel configuration to maximize efficiency in electrical current distribution. Manufactured from superior-purity copper processed through controlled drawing and annealing.

Magnetic Stabilizers: High-intensity neodymium magnets designed to stabilize current flow in the electrical system, minimizing hysteresis losses and improving transmission efficiency. Magnets selected for their extraordinary power and conductivity provide precise electromagnetic field control.

Proprietary Insulation Layer: High-quality resin designed to provide superior electrical insulation, protecting internal components from moisture, dust, and other environmental influences. This layer is characterized by its ability to withstand high temperatures and provide exceptional dielectric insulation, which is essential in high-voltage systems.

Advanced Conductivity Layer: Electron-doped and graphene-enhanced resin that maximizes electrical efficiency and thermal dissipation. This advanced component aligns the electrons that will be injected into the grid, minimizing energy losses and ensuring greater efficiency in high-performance critical systems.

Optimized Resonance Layer: Advanced material specifically developed to optimize resonance and minimize structural vibrations in the electrical system. This layer includes high-density compounds that provide excellent electromagnetic damping, ensuring unprecedented stability.

Electromagnetic Shielded Enclosure: Metal casing with ceramic coating developed to act as a Faraday cage, providing advanced protection against electromagnetic interference. Ensures effective isolation of internal components from external disturbances, guaranteeing system operability in electromagnetically intensive environments.