

ELECTRICAL PANEL SOLUTIONS

Europe Product Catalogue

Custom-built electrical panels supplied
according to customer specifications.



PROJECT-BASED
ENGINEERING



FLEXIBLE
COMPONENT
SELECTION



TESTED &
DOCUMENTED



EXPORT
DELIVERY



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A SUPPLY PARTNER BUILT FOR PROJECT WORK

Clear scope, flexible sourcing and coordinated delivery.

Euroasia Industrial Energy supports electrical contractors, system integrators, OEMs and project companies with complete, project-specific electrical panel packages prepared in Türkiye and delivered for European projects.

One request - coordinated supply

Send the project requirement, BOM, drawings or technical specification. We coordinate sourcing, panel assembly, wiring, testing and export preparation.

Customer-selected brands

Components can be selected according to the customer's preferred brand, model, technical standard and approved alternatives.

Built around the project

Panel dimensions, cable entry, IP level, internal separation, metering, communication, labeling and spare capacity are defined per application.

Delivery-focused model

Our standard commercial scope is the supply and delivery of the panel package. Site installation and commissioning are not included unless separately agreed.

WHAT LARGE BUYERS EXPECT

- Clear documentation and approved project scope
- Traceable component selection and BOM discipline
- Maintainable internal layout and clear labeling
- Verification / testing records defined for the project
- Repeatable quality for serial or OEM orders
- Reliable packing, commercial documentation and delivery coordination
- IEC / EN requirements identified before production
- Short-circuit, IP, form of separation and cable-entry requirements clarified
- Preferred component brands and approved alternatives confirmed
- Change control before assembly
- Spare ways, future expansion and service access considered

COMPLETE PANEL PORTFOLIO

Overview 1/5 - main distribution and motor-control panel families.

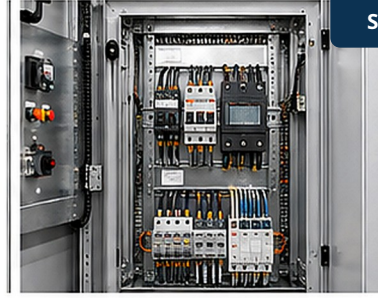


MDB

Main Distribution Boards

Main incoming and outgoing LV power distribution.

[Detailed specification on following pages](#)

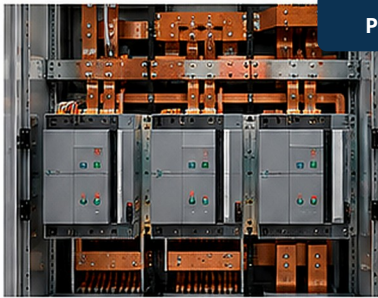


SMD

Sub Distribution Boards

Secondary distribution for buildings, plant zones and technical areas.

[Detailed specification on following pages](#)

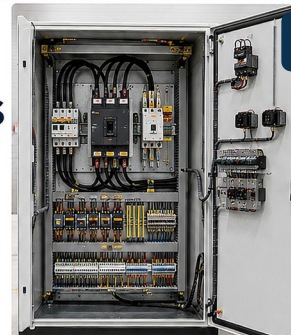


PCC

Power Control Centers

Centralized feeder distribution and high-capacity LV power control.

[Detailed specification on following pages](#)



MCC

Motor Control Centers

Motor starting, protection, isolation and coordinated motor control.

[Detailed specification on following pages](#)

COMPLETE PANEL PORTFOLIO

Overview 2/5 - machine, automation, drive and HVAC panel families.



MACHIN
E

Machine Power & Control

Complete machine-oriented power and control packages.

[Detailed specification on following pages](#)



PLC /
HMI

PLC / HMI / SCADA Interface

Automation, remote I/O, communication and operator-interface panels.

[Detailed specification on following pages](#)



DRIVES

VFD & Soft Starter Panels

Variable-speed and soft-start motor control solutions.

[Detailed specification on following pages](#)



HVAC

HVAC / Fan / Pump Control

Control panels for pumps, fans, ventilation and HVAC systems.

[Detailed specification on following pages](#)

COMPLETE PANEL PORTFOLIO

Overview 3/5 - transfer, power-quality, DC and solar panel families.

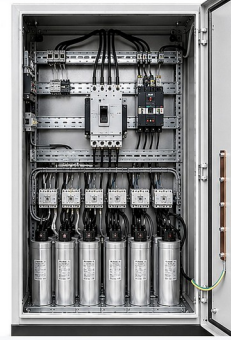


TRANSFER

ATS / AMF / Generator Control

Automatic transfer, mains-failure and generator-control panels.

Detailed specification on following pages



PQ

Compensation & Power Quality

Reactive-power correction and power-quality panel packages.

Detailed specification on following pages



DC / UPS

DC Distribution / Rectifier / UPS Aux.

DC distribution, rectifier, charger and UPS auxiliary panels.

Detailed specification on following pages



PV

Solar PV Panel Packages

AC/DC distribution, combiner and interface panels for PV projects.

Detailed specification on following pages

COMPLETE PANEL PORTFOLIO

Overview 4/5 - storage, EV, wind and special-environment panel families.



BESS

BESS Auxiliary Panels

Auxiliary distribution and control panels for energy-storage systems.

[Detailed specification on following pages](#)



EV

EV Charging Distribution Panels

Distribution and load-management panels for charging infrastructure.

[Detailed specification on following pages](#)



WIND

Wind / Renewable Energy Panels

Control, protection and auxiliary distribution for renewable projects.

[Detailed specification on following pages](#)



SPECIAL

Stainless Steel & Outdoor Panels

304/316 stainless and project-specific outdoor constructions.

[Detailed specification on following pages](#)

COMPLETE PANEL PORTFOLIO

Overview 5/5 - custom OEM and repeat-order panel packages.



OEM

Custom OEM / Series Panels

Repeatable panel packages built to approved BOMs and drawings.

Built to approved BOMs, drawings, terminal schedules and customer component preferences.

[Detailed specification on following pages](#)

BUILT TO APPROVED BOM

Customer-selected brands, models and approved alternatives.

REPEATABLE EXECUTION

Revision-controlled wiring, labeling and documentation for repeat orders.

EXPORT-READY PACKAGE

Agreed testing, documentation and export packing for delivery.

MAIN DISTRIBUTION BOARDS (MDB)

Primary LV distribution for industrial and commercial facilities.

OVERVIEW

MDB packages receive the main incoming supply and distribute power to downstream feeders with protection, metering and project-specific segregation.

TYPICAL APPLICATIONS

- Industrial plants
- Factories and production lines
- Commercial and logistics facilities
- Infrastructure projects

KEY ENGINEERING FEATURES

- Main incomer and outgoing feeder sections
- ACB / MCCB arrangements according to project
- Metering and protection integration
- Bus-coupler and dual-incomer options
- Top or bottom cable entry
- Modular and maintainable section layout



FLEXIBLE ORDER OPTIONS

- Copper busbars with optional tin or silver plating
- Form of separation as required by project
- Preferred breaker / meter brands and models
- IP-rated indoor or outdoor execution
- Special RAL colour and labeling
- Spare feeders and future expansion space



For demanding or corrosive environments, copper busbars can be supplied with tin or silver plating upon request. Final suitability is confirmed against the project environment and specification.

SUB DISTRIBUTION BOARDS (SMDB)

Flexible secondary distribution close to loads and plant areas.

OVERVIEW

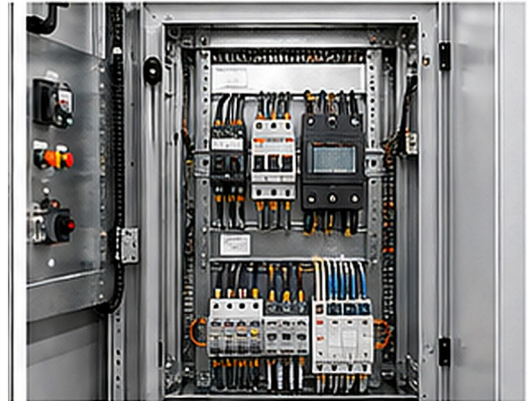
SMDBs provide structured secondary distribution for buildings, production zones, utilities and technical areas while keeping maintenance and expansion straightforward.

TYPICAL APPLICATIONS

- Building floors and technical rooms
- Production zones
- Warehouses and logistics
- Utility and service areas

KEY ENGINEERING FEATURES

- MCB / MCCB outgoing feeders
- Metering and sub-metering options
- Clear circuit identification
- Compact wall-mounted or floor-standing design
- Neutral and PE bar organization
- Segregation and access planned for maintenance



FLEXIBLE ORDER OPTIONS

- Customer-defined feeder schedule
- Main switch or MCCB incomer
- Surge protection and metering options
- Special enclosure dimensions
- Outdoor / stainless execution
- Reserved ways for future circuits



SMDB content can be built directly from your single-line diagram and feeder schedule, reducing local assembly work and simplifying site installation.

POWER CONTROL CENTERS (PCC)

Centralized feeder distribution and power control for process facilities.

OVERVIEW

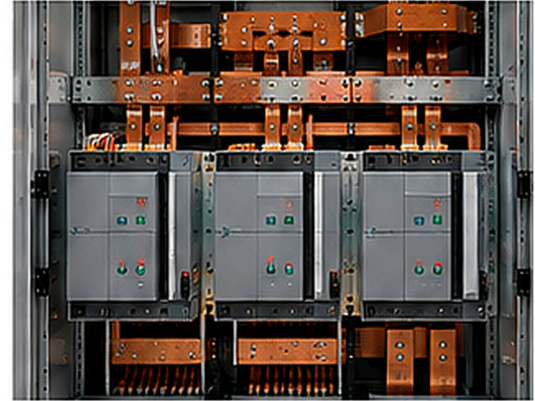
PCCs combine distribution, protection and feeder control in one coordinated assembly for projects requiring structured, high-capacity LV power management.

TYPICAL APPLICATIONS

- Process plants
- Manufacturing
- Utilities
- Large commercial facilities

KEY ENGINEERING FEATURES

- Incoming, outgoing and bus-coupler sections
- High-current feeder organization
- Metering, protection and indication
- Interlocked switching schemes
- Space for future expansion
- Front or project-specific access concept



FLEXIBLE ORDER OPTIONS

- Fixed or removable feeder concepts
- Form 2 / 3 / 4 segregation where specified
- Copper busbar plating options
- Different cable-entry directions
- Preferred protection relays and meters
- Communication-ready metering architecture



Electrical ratings, short-circuit withstand requirements and internal separation are confirmed before assembly and documented in the approved project scope.

MOTOR CONTROL CENTERS (MCC)

Motor starting, protection and control arranged for reliable operation.

OVERVIEW

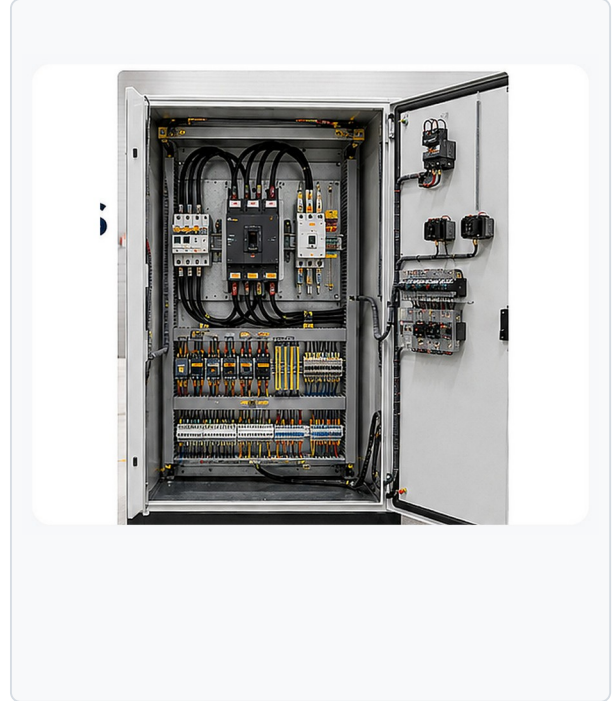
MCC packages centralize motor feeders, protection, isolation and control for production lines, utilities and process equipment.

TYPICAL APPLICATIONS

- Motors and pumps
- Fans and ventilation
- Conveyors
- Process lines and OEM machinery

KEY ENGINEERING FEATURES

- DOL, star-delta and reversing feeders
- Motor protection and overload functions
- Local / remote control interfaces
- Interlocks and status indication
- Clear terminal marking
- Fixed or drawer concept according to project



FLEXIBLE ORDER OPTIONS

- Customer-specific motor feeder schedule
- Control voltage options
- PLC / network interface
- Preferred contactor and protection brands
- Spare feeders and expansion capacity
- Custom wiring and multilingual labeling



MCCs can be prepared from your motor list, single-line diagram, control philosophy and preferred component schedule.

MACHINE POWER & CONTROL PANELS

Complete electrical packages for machines, skids and production equipment.

OVERVIEW

Machine panels integrate incoming power, branch protection, motor feeders, controls and operator interfaces in a single factory-ready package.

TYPICAL APPLICATIONS

- OEM machinery
- Packaging and process equipment
- Skids
- Production cells

KEY ENGINEERING FEATURES

- Power and control in one enclosure
- Machine-specific wiring and terminal plan
- Interlocks and safety interfaces
- Operator devices and HMI integration
- Clear service labeling
- Provision for sensors and actuators



FLEXIBLE ORDER OPTIONS

- Build-to-print from customer drawings
- Customer BOM and preferred brands
- 220/230/24 V control architectures
- Remote I/O and network gateways
- Stainless or painted enclosure
- Serial production and repeat-order configuration



For OEM customers, a frozen BOM and drawing package can be used to reproduce the same panel configuration across repeat orders.

PLC / HMI / SCADA INTERFACE PANELS

Automation and interface panels for machine and process control.

OVERVIEW

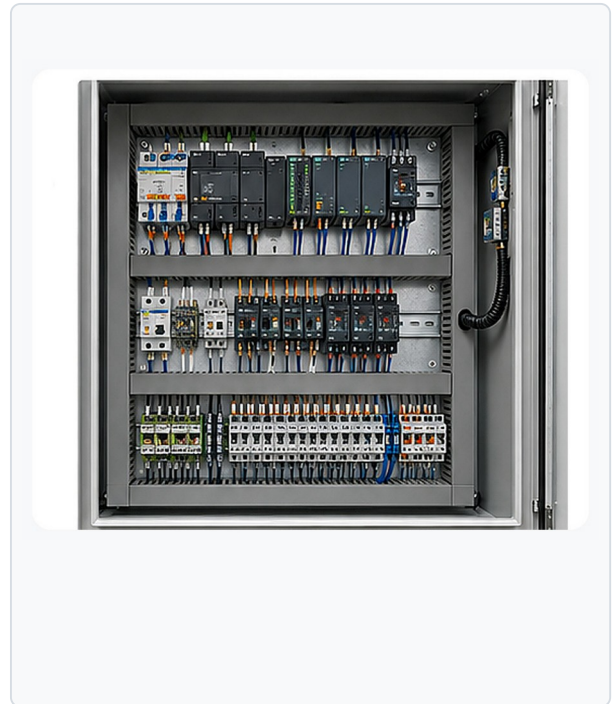
Automation panels provide organized PLC, HMI, remote I/O, communication and interface hardware for control architectures defined by the customer or project engineer.

TYPICAL APPLICATIONS

- Process automation
- Machine automation
- Remote I/O stations
- Plant communication interfaces

KEY ENGINEERING FEATURES

- PLC and remote I/O integration
- HMI and operator interface
- Communication gateways
- Organized low-current wiring
- Terminal and network segmentation
- Maintainable, labeled layout



FLEXIBLE ORDER OPTIONS

- Panel design from I/O list
- Customer PLC / HMI brand and model
- Profinet / Modbus / Ethernet integration
- Multilingual labeling
- Industrial Ethernet switch / gateway options
- Project documentation package



Software development is not automatically included. Hardware, panel assembly and communication architecture are supplied according to the agreed project scope.

VFD & SOFT STARTER PANELS

Motor speed control and soft-start packages for demanding applications.

OVERVIEW

Drive panels integrate VFDs or soft starters with isolation, protection, bypass, cooling and control elements in a coordinated enclosure.

TYPICAL APPLICATIONS

- Pumps
- Fans and ventilation
- Conveyors
- Compressors and process equipment

KEY ENGINEERING FEATURES

- VFD or soft-starter integration
- Input and motor protection
- Cooling and ventilation concept
- Local / remote operation
- Bypass arrangements where required
- Automation and feedback interfaces



FLEXIBLE ORDER OPTIONS

- Customer-selected drive brand and model
- Manual or automatic bypass
- Line reactors / filters where required
- Different cooling concepts
- Multiple drive sections
- Stainless or painted enclosure



Drive selection, heat dissipation and ventilation are checked against the project load profile, ambient conditions and selected equipment.

HVAC / FAN / PUMP CONTROL PANELS

Dedicated control packages for building services and utility systems.

OVERVIEW

HVAC and pump panels combine motor control, automation interfaces, alarms and operating modes for mechanical systems and utility applications.

TYPICAL APPLICATIONS

- Air handling units
- Booster and transfer pumps
- Exhaust / supply fans
- Cooling and ventilation systems

KEY ENGINEERING FEATURES

- Pump and fan feeder integration
- Duty / standby logic interfaces
- VFD / soft-starter options
- Local / remote operation
- Alarm and status indication
- BMS / automation interfaces



FLEXIBLE ORDER OPTIONS

- Multiple pump / fan configurations
- Level / pressure / temperature interfaces
- Customer control philosophy
- BMS communication gateway
- Panel cooling or heater options
- Outdoor or stainless construction



Control philosophy can be implemented from customer functional descriptions, I/O lists and approved wiring diagrams.

ATS / AMF / GENERATOR CONTROL & SYNCHRONISATION

Transfer and backup-power control for continuity of supply.

OVERVIEW

Transfer panels coordinate normal and backup sources with clear status indication, interlocks and project-defined operating logic.

TYPICAL APPLICATIONS

- Factories
- Commercial buildings
- Critical facilities
- Generator-backed systems

KEY ENGINEERING FEATURES

- Automatic transfer logic
- Automatic mains failure functions
- Generator start / stop interface
- Mechanical and electrical interlocks
- Metering and status indication
- Synchronisation / load sharing support where specified



FLEXIBLE ORDER OPTIONS

- Single or multiple source configurations
- Open or closed transition according to project
- Generator control integration
- Custom mimic diagram
- Communication interface
- Project-specific alarm philosophy



Switching philosophy, source ratings and interlocking logic are reviewed before production to ensure a clear and safe operating sequence.

COMPENSATION & POWER QUALITY PANELS

Reactive power correction and harmonic-conscious panel packages.

OVERVIEW

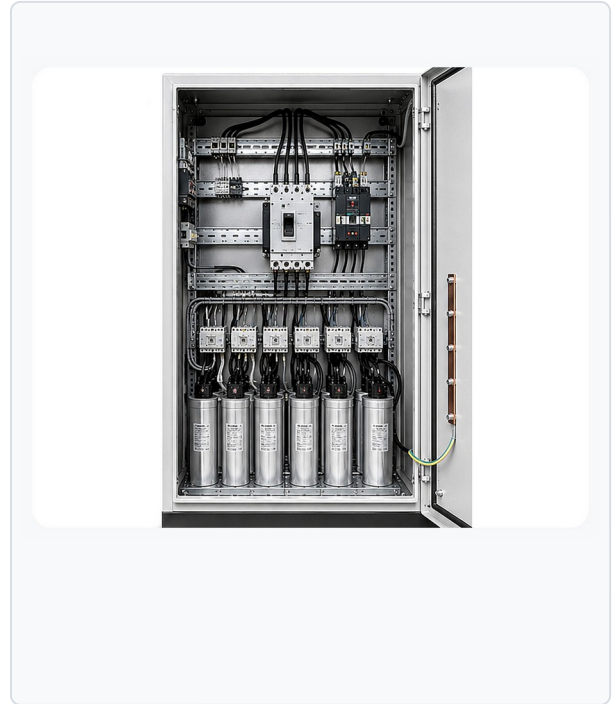
Power-quality panels are configured around the project load profile to improve power factor and support electrical-system performance.

TYPICAL APPLICATIONS

- Industrial plants
- Commercial facilities
- Utilities
- Process loads with variable harmonic content

KEY ENGINEERING FEATURES

- Automatic or fixed compensation
- Capacitor bank arrangements
- Power factor controller integration
- Detuned reactor options
- Metering and alarm functions
- Maintainable capacitor / reactor layout



FLEXIBLE ORDER OPTIONS

- Project-specific capacitor steps
- Detuned or harmonic-oriented execution
- Active harmonic filter integration where specified
- Custom metering and alarms
- Stainless or painted enclosure
- Optional plated copper busbars



Final compensation and harmonic configuration should be based on measured or calculated network conditions, not only nominal installed power.

DC DISTRIBUTION / RECTIFIER / UPS AUXILIARY PANELS

Auxiliary DC and critical-power distribution for control and backup systems.

OVERVIEW

DC and UPS auxiliary panels distribute and protect low-voltage DC circuits and related auxiliary supplies used by control, protection and backup systems.

TYPICAL APPLICATIONS

- Substations and protection systems
- Industrial control systems
- UPS installations
- Battery / charger systems

KEY ENGINEERING FEATURES

- DC feeder distribution
- Battery charger / rectifier integration
- Fuse or breaker protection
- Status and alarm indication
- Battery disconnect / auxiliary distribution
- Clearly segregated DC wiring



FLEXIBLE ORDER OPTIONS

- 24 / 48 / 110 / 220 VDC configurations
- Redundant charger arrangements
- UPS bypass / auxiliary distribution
- Customer-defined feeder schedule
- Ground-fault / insulation monitoring where required
- Preferred rectifier and protection brands



DC system voltage, earthing philosophy and protection concept are confirmed from the project specification before panel engineering.

SOLAR PV PANEL PACKAGES

AC/DC distribution, combiner and interface panels for PV systems.

OVERVIEW

PV panel packages support the electrical interface between strings, inverters, auxiliary systems and plant distribution according to project architecture.

TYPICAL APPLICATIONS

- Industrial rooftop PV
- Commercial PV
- Utility-scale projects
- Hybrid energy systems

KEY ENGINEERING FEATURES

- AC distribution and interface panels
- DC combiner / distribution options
- Protection and isolation
- Metering and communication interfaces
- Outdoor-ready enclosure concepts
- Clear field cable organization



FLEXIBLE ORDER OPTIONS

- String / inverter specific configurations
- Surge protection selection
- Outdoor IP-rated construction
- Stainless steel option
- Customer-specified monitoring devices
- Custom cable gland and entry plates



PV DC voltage, polarity, short-circuit current, environmental conditions and applicable project requirements are reviewed before component selection.

BESS AUXILIARY PANELS

Auxiliary distribution and control cabinets for battery energy storage systems.

OVERVIEW

BESS auxiliary panels can support HVAC, fire-system interfaces, control power, communications and balance-of-plant electrical distribution.

TYPICAL APPLICATIONS

- Containerized BESS
- Industrial energy storage
- Solar + storage
- Peak-shaving and backup systems

KEY ENGINEERING FEATURES

- Auxiliary AC/DC distribution
- Control and monitoring power
- HVAC / fire interface support
- Communication and network segregation
- Maintenance-friendly layout
- Project-specific terminal structure



FLEXIBLE ORDER OPTIONS

- Indoor or containerized execution
- Stainless steel options
- Custom communication equipment
- UPS / DC backup interfaces
- Customer-specified relays and meters
- Dedicated cable-entry zones



Battery modules, PCS and BMS are not assumed to be part of the panel package unless explicitly included in the customer scope.

EV CHARGING DISTRIBUTION PANELS

Power distribution and load-management interfaces for EV charging infrastructure.

OVERVIEW

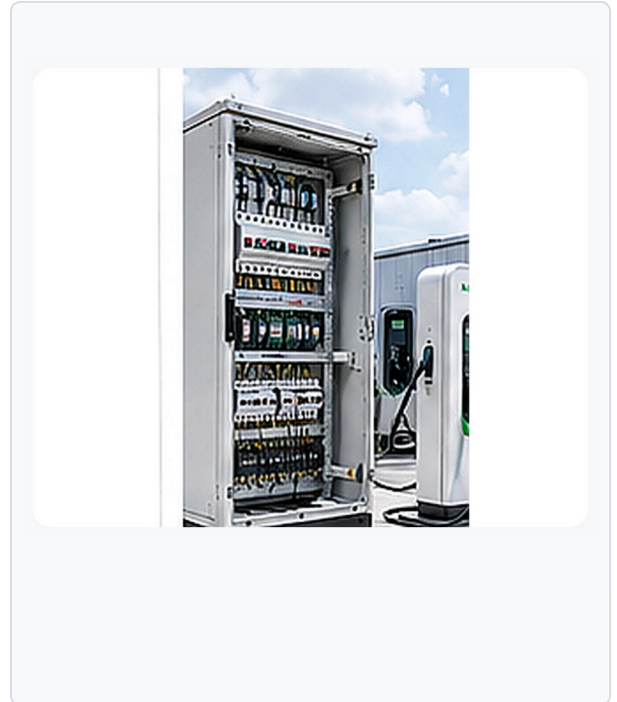
EV charging panels distribute power to charging points and integrate protection, metering and load-management interfaces required by the charging architecture.

TYPICAL APPLICATIONS

- Fleet charging
- Commercial charging hubs
- Industrial sites
- Parking facilities

KEY ENGINEERING FEATURES

- Dedicated charger feeders
- Protection and isolation
- Metering and load management interface
- Surge protection options
- Expansion capacity
- Clear circuit identification



FLEXIBLE ORDER OPTIONS

- AC or DC charger feeder architecture
- Dynamic load-management interface
- Outdoor stainless or painted enclosure
- MID / meter integration where required
- Customer-specified charger brands
- Future charger reserve feeders



Charger ratings, diversity, upstream capacity and load-management philosophy should be defined in the RFQ for accurate sizing.

WIND / RENEWABLE ENERGY PANELS

Control, protection and auxiliary distribution for renewable-energy projects.

OVERVIEW

Renewable-energy panel packages can support wind, hybrid and auxiliary energy applications where project-specific control and distribution are required.

TYPICAL APPLICATIONS

- Wind farms
- Hybrid energy systems
- Remote energy sites
- Auxiliary renewable systems

KEY ENGINEERING FEATURES

- Auxiliary distribution
- Protection and metering
- Control and communication interfaces
- Outdoor environment considerations
- Remote monitoring interface
- Service-friendly layout



FLEXIBLE ORDER OPTIONS

- Stainless or corrosion-resistant enclosure
- Heater / ventilation / climate options
- Customer communication architecture
- Special cable-entry solutions
- Plated copper busbars where suitable
- Custom labeling and documentation



Environmental conditions such as humidity, salt, corrosive gases and temperature range should be stated so enclosure, plating and climate-control options can be selected correctly.

STAINLESS STEEL & OUTDOOR PANELS

Robust enclosure solutions for harsh, wet and corrosive environments.

OVERVIEW

Outdoor and stainless panel packages are prepared for applications where enclosure material, ingress protection and environmental resistance are key design drivers.

TYPICAL APPLICATIONS

- Food and beverage
- Outdoor utilities
- Marine / coastal sites
- Chemical and industrial environments

KEY ENGINEERING FEATURES

- 304 or 316 stainless steel options
- IP-rated construction according to project
- Weather-protected cable entry
- Gland plate customization
- Internal mounting and segregation
- Door / enclosure hardware selected for environment



FLEXIBLE ORDER OPTIONS

- Brushed or project-defined finish
- Canopy / sunshield options
- Anti-condensation heater
- Fan / filter / air-conditioning options
- Special locks and door arrangements
- Tin / silver plated copper busbars on request



Material grade and protection concept are selected against the actual site environment; “outdoor” alone is not treated as a complete technical specification.

CUSTOM OEM / SERIES PANELS

Repeatable build-to-print panel packages for integrators and OEM customers.

OVERVIEW

For repeat orders, Euroasia can coordinate a fixed panel build based on the customer's approved BOM, drawings, terminal schedules and labeling rules.

TYPICAL APPLICATIONS

- Machine builders
- System integrators
- Panel subcontracting
- Repeat export orders

KEY ENGINEERING FEATURES

- Frozen BOM and approved drawing package
- Repeatable wiring and labeling approach
- Customer-specified component brands
- Serial number and revision tracking
- Packaging prepared for export
- Change control between revisions



FLEXIBLE ORDER OPTIONS

- Customer-supplied BOM or Euroasia-sourced BOM
- Framework / repeat-order model
- Pre-agreed approved alternatives
- Custom labels and documentation language
- Spare component kit options
- Private-label / project-label execution where legally appropriate



This model is designed to reduce the customer's local assembly workload while preserving technical control through approved documentation and component selection.

ENGINEERING FLEXIBILITY

Options that can be tailored to the actual project and environment.

The final configuration is not limited to a fixed “catalogue model”. The panel package is defined against your approved project requirements, component preferences and operating environment.

Busbar surface treatment

Copper busbars can be supplied bare, tin plated or silver plated on request, subject to project suitability.

Enclosure materials

Painted steel, stainless steel 304 / 316 and project-specific enclosure systems.

Ingress protection

IP rating selected according to indoor, outdoor, dust, humidity and water exposure requirements.

Internal separation

Form of separation and compartment arrangement according to the approved design.

Component brands

Customer-preferred breakers, contactors, PLCs, drives, meters, relays and approved alternatives.

Cable entry

Top, bottom, side or customized gland plate / cable-entry zones.

Climate control

Fans, filters, heaters, thermostats and panel air-conditioning where required.

Labeling

Customer naming conventions, engraved labels, wire markers and multilingual identification.

Communication

Profinet, Modbus TCP/RTU, Ethernet, gateways and network hardware as specified.

Expansion

Reserved feeder ways, spare terminals, spare I/O and future section capacity.

Environmental protection

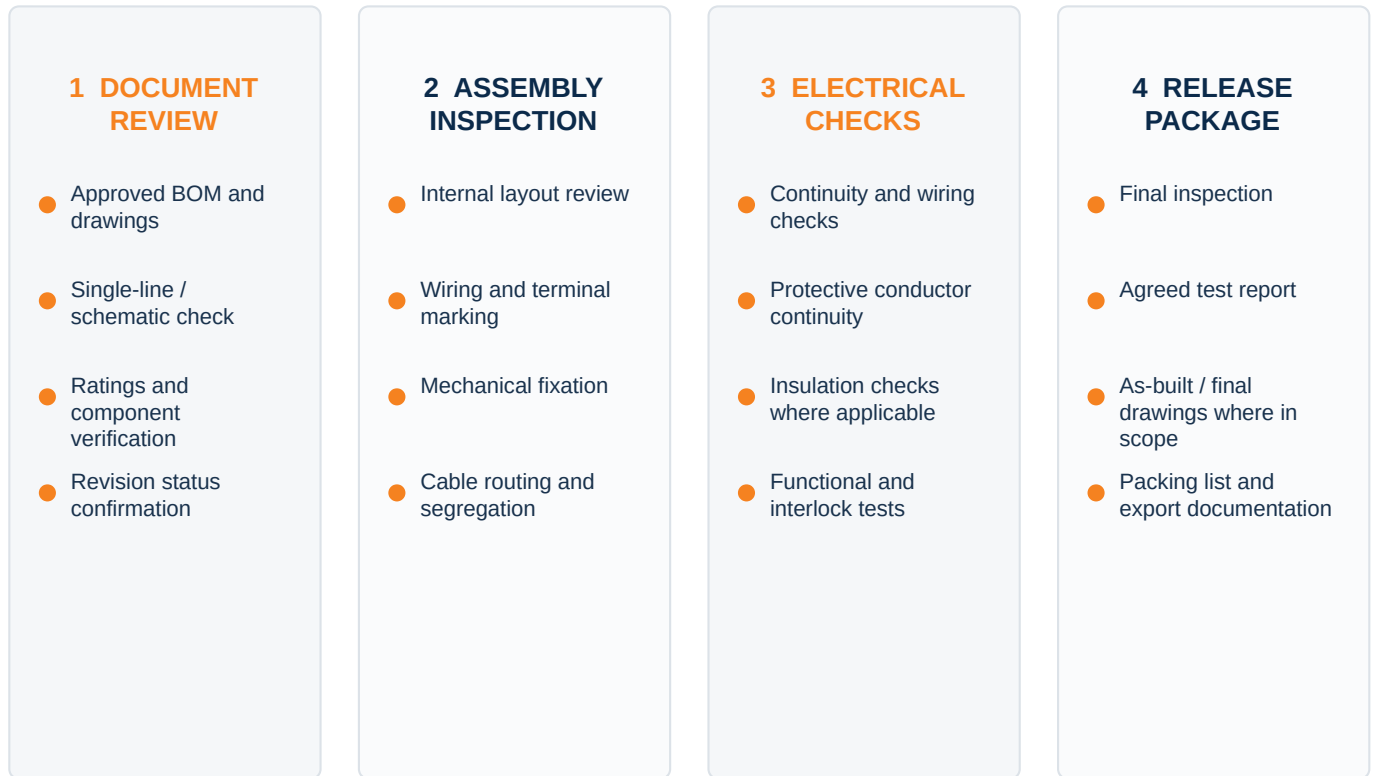
Special finishes, plated conductors and corrosion-conscious material selection for aggressive environments.

Documentation

Drawings, BOM, terminal schedules, device list and agreed test documents.

QUALITY, TESTING & DOCUMENTATION

Procurement confidence comes from what can be checked and documented.



STANDARDS & PROJECT REQUIREMENTS

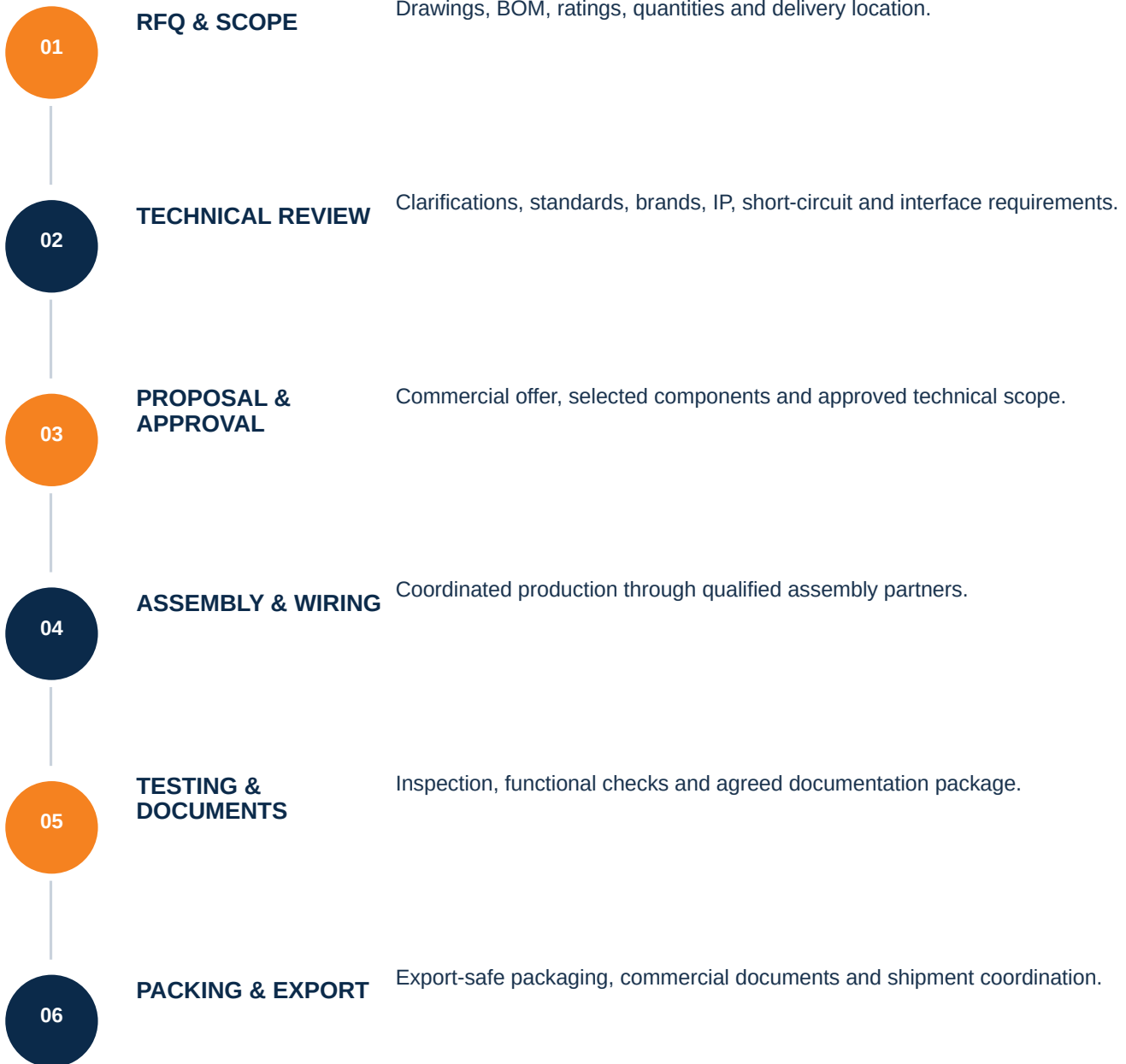
Depending on the panel type and project, requirements may reference IEC / EN 61439-1/-2, IEC 60529, IEC 60947, IEC 60204-1, IEC 61800 or other applicable standards. The exact compliance and verification scope must be defined in the RFQ and approved project documentation.

IMPORTANT

Catalogue wording does not replace project-specific technical approval. Ratings, standard references, test scope and documentation are confirmed for each order before assembly.

FROM RFQ TO EXPORT DELIVERY

A controlled workflow reduces uncertainty before the panel leaves Türkiye.



STANDARD SCOPE ENDS AT PRODUCT DELIVERY. Site installation, commissioning and local service are not included unless separately agreed in writing.

SELECTED REFERENCES

Reference image supplied by Euroasia.

Selected organizations shown in the reference material provided to us. Logos and trademarks remain the property of their respective owners and are displayed solely for reference identification.



REFERENCE NAMES

YILPORT Holding A.Ş. • Beldeport • MED Lojistik • Ericsson • Anadolu Sigorta • Ziraat Bankası • Alarko Turizm • Atatürk Kültür Merkezi • Bilişim Vadisi • İstanbul Deri Organize Sanayi Bölgesi

Reference scope, project dates and delivered products can be presented separately where commercially appropriate and supported by project records.



SEND YOUR PANEL INQUIRY

A clear RFQ lets us respond faster and configure the right panel package from the beginning.

FOR A FAST QUOTATION, PLEASE SEND:

- Single-line diagram / schematic drawings
- Panel type and quantity
- Rated voltage, current and short-circuit data
- Feeder / motor / load list
- Preferred component brands and models
- IP rating, dimensions and cable-entry requirements
- Control philosophy / I/O list where applicable
- Required standards and documentation
- Delivery location and target date

CONTACT

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YOUR PROJECT. OUR COORDINATED SUPPLY.

Panel packages prepared around your technical requirement - not a fixed one-size-fits-all catalogue model.