



EXPERIENCE YOU CAN BUILD ON

Kingway brings products from around the world to your door.



1 TERMINAL BLOCKS

Specializing in automation, Kingway provides competitively priced alternatives to major brands without compromising quality. Custom connectors, including color-coded terminal blocks, are also available.

We Deliver Top Quality:

- Terminal Blocks
- DIP Switches
- Rotary Switches
- Pin Headers



2 WIRE HARNESSES

Kingway supplies wire harnesses from USA, Vietnam, India, Taiwan, and China. Our top-quality facilities have credentials such as ISO9001, ISO14001 and TS16946. Additionally, our facilities are UL approved. We can offer low to high volume needs across all industries. We specialize in crossing materials to offer the lowest possible costing to our customers.



3 PCB ASSEMBLY

Manufacturing Services:

- Rapid Prototyping
- PCB Layout
- PCB Assembly
- Box Build
- User Interface Solutions

Manufacturing Capabilities:

- DFM inspection
- IQC Incoming Material Inspection
- High Speed SMT Equipment
- Automated DIP Processing
- Solder Paste Inspection
- AOI Inspection
- First Article Inspection
- ICT
- X-Ray
- Functional Testing
- Life Testing

Compliance:

Kingway's facilities meet ISO9000, ISO14001, and ISO13485. We are UL registered and comply with REACH, RoHS, and IPC-610.



4 METAL STAMPING

We feature Quick Turn Prototype tooling with samples delivered in 2-3 weeks. Our 74,000 SQ M facility hosts 21 CNCs, 12 EDMs, 117 HTVs, 31 RTV compression machines, 40 in-mold silicone injection machines, and high quality screen printing.



5 INJECTION MOLDING

We offer 6-8 week tooling turnaround with DFM, Mold Flow Analysis, tool design, cutting, assembly, and TO samples.

We utilize state-of-the-art equipment, including: High-Speed Planner, CNC, EDM, and Wire Cutting.

Expertise in:

- Gas-Assisted Tooling
- Foaming Molds
- Bicolor Molding
- Over-Molding
- Threaded Cores

Manufacturing Capabilities:

23 injection presses (90-2000 tons) with secondary operations such as painting, silk screening, sandblasting, welding, and assembly.



6 CUSTOM BATTERY HOLDERS

Our custom battery holders are designed to secure, connect, and protect cells in demanding applications. We can provide injection-molded or stamped-metal designs tailored to your specific form factor, environmental conditions, and assembly method.

Whether it's a coin cell clip, cylindrical battery cage, or multi-cell module frame, our holders ensure consistent electrical contact and mechanical reliability.

Common Examples:

- Coin cell holders for PCB mounting
- AA/AAA/18650 battery holders for modular designs
- Snap-in or solder-lug types for field-replaceable batteries
- Custom molded housings for sealed or ruggedized enclosures



7 BATTERY PACKS & COIN CELL BATTERIES

Kingway's battery packs are engineered for performance, safety, and scalability – from single-cell configurations to multi-cell assemblies with integrated protection circuits. We support both standard and custom chemistries, including Li-ion, LiFePO₄, NiMH, and primary lithium cells, built to meet your voltage, capacity, and footprint requirements.

Whether you need compact packs for handheld instruments or high-capacity assemblies for industrial or IoT devices, we can deliver fully tested, ready-to-integrate solutions with connectorization, wiring, and BMS options.

Common Examples:

- Li-ion packs for portable electronics
- Multi-cell assemblies
- Rechargeable packs with PCM or BMS integration
- Primary lithium packs for long-life remote sensors



ELECTRONICS SOURCING

Kingway specializes in sourcing custom electronic components and assemblies for engineers and product teams who need reliability, speed, and cost control. With decades of hands-on experience, Kingway understands how to translate technical requirements into real-world production – whether that means a single custom component or a fully integrated electronic assembly. The focus is always on getting the right part, built to spec, without unnecessary friction or delays.

Through a carefully managed global sourcing network, Kingway connects customers with the right manufacturing partners for each job. This approach allows flexibility across component types, materials, and production volumes while maintaining consistent quality and accountability. From early design support through manufacturing and logistics, Kingway acts as an extension of your team – helping reduce lead times, avoid sourcing pitfalls, and keep projects moving forward.

What sets Kingway apart is not just access, but judgment. Every sourcing decision is guided by experience, technical understanding, and a clear view of the customer's end goal. By managing supplier relationships, quality control, and delivery logistics, Kingway removes complexity from the supply chain – so engineers and product designers can focus on building better products with confidence.



9 SILICONE MOLDING

We feature Quick Turn Prototype tooling with samples delivered in 2-3 weeks. Our 74,000 SQ M facility hosts 40 in-mold silicone injection machines, 124 printing stations, 21 painting booths, and 14 laser etching stations. Secondary operations include Caron/Gold contacts, laser etching, painting, and screen printing.



CASHLESS DONATION JAR



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CUSTOM MANUFACTURED PARTS

Kingway supports the sourcing and manufacture of custom parts used across electronic assemblies, including **molded plastics, die-cut rubber components, and branded accessories** such as lanyards or tags. These parts are produced to meet defined fit, durability, and finish requirements while supporting consistent assembly.

By evaluating material choices and manufacturing methods early in the process, **Kingway helps reduce component cost and lead time** without compromising quality. Custom parts are delivered ready for integration and aligned with contract manufacturing workflows worldwide.



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INJECTION MOLDING

Kingway produces **custom injection-molded plastic parts** used to form and protect electronic assemblies. Components are developed with close attention to wall thickness, part geometry, and surface finish to ensure reliable performance and repeatable results at scale.

Tooling strategy and resin selection are addressed early to minimize rework, control production cost, and support predictable lead times. Molded parts are supplied as stable, production-ready components that integrate cleanly into downstream assembly operations.



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STAMPED METAL COMPONENTS

Kingway supplies **stamped metal components used to provide rigidity, alignment, and mounting support within electronic assemblies.** These parts are typically designed to hold critical components in position, manage mechanical loads, and maintain consistent spacing during assembly and operation.

Design decisions such as **material gauge, bend geometry, and fastening features are optimized to achieve strength without unnecessary mass or cost.** Stamped components are produced with controlled tolerances and finishes to support repeatable builds and long-term mechanical stability.



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POWER SUPPLIES

Kingway sources external power supply solutions used to deliver stable, regulated DC power for electronic systems. Available formats include **AC/DC adapters, wall adapters, plug-in adapters, wall warts, and external power bricks,** selected to align with system power requirements and installation constraints.

These power supplies convert high-voltage AC input (typically 110–240V) from standard wall outlets into low-voltage DC outputs such as 5V, 12V, or 24V required by electronic assemblies. Electrical performance, thermal behavior, and protection features are evaluated to support safe, continuous operation in real-world environments.

Power adapter solutions are sourced to meet applicable global compliance standards, including UL or ETL (U.S.), CE (Europe), and FCC requirements, helping ensure compatibility across regions and long-term product viability.



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DISPLAYS

Kingway supports the **sourcing and integration of display modules used as primary user interfaces in electronic systems.** Displays are selected to provide clear visibility, responsive touch interaction, and reliable performance in applications that require frequent user engagement.

Interface type, resolution, and physical form factor are evaluated to align with system requirements and enclosure constraints. Display solutions are chosen with long-term availability and electrical compatibility in mind, helping support consistent production and future revisions.



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BATTERIES & BATTERY PACKS

Kingway supports the development and supply of battery pack solutions used to provide portable or backup power within electronic assemblies. **Battery configurations are selected to meet voltage, capacity, and form factor requirements while supporting stable performance over repeated charge and discharge cycles.**

Design considerations such as **cell arrangement, protection features, and thermal behavior are addressed to promote safety and long service life.** Battery pack solutions are chosen with availability and consistency in mind to support sustained production over a product's lifecycle.



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PRINTED CIRCUIT BOARD ASSEMBLY (PCBA)

Kingway supports printed circuit board assembly for electronic products requiring consistent electrical performance and repeatable build quality. **Assemblies are produced with attention to component placement, solder integrity, and layout intent to ensure dependable operation in real-world use.**

Assembly processes are aligned with documented requirements and inspection criteria to reduce variation across production runs. PCBA solutions are delivered as stable, production-ready assemblies that form a reliable foundation for higher-level integration.



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WIRE HARNESSES

Kingway supports wire harness assemblies used to distribute power and signals within electronic systems. Harness designs are developed to support **clean routing, secure terminations, and strain relief where cables interface with connectors, boards, or mechanical features.**

Conductor selection, insulation type, and harness layout are defined to match electrical requirements and physical constraints. **Finished harnesses are built for consistency and repeatability, helping reduce assembly variation and support reliable system operation.**



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PACKAGING

Kingway provides packaging solutions as a value-add service to support the final presentation, protection, and deployment of electronic products. **Packaging is developed to safeguard components during handling and transport while aligning with assembly flow and distribution requirements.**

Packaging formats, materials, and pack-out methods are evaluated to balance protection, cost, and efficiency. **By coordinating packaging alongside manufacturing and assembly, Kingway helps streamline handoff to fulfillment, distribution, or end-use environments.**



ENGINEERING SERVICES

Kingway provides engineering support to **help move products from concept into production with fewer iterations and reduced risk.** Services focus on aligning functional requirements with manufacturable designs that support cost, schedule, and supply considerations. Engineering involvement may include design review, component guidance, and coordination across sourcing and production teams to help improve build consistency and predictability.



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COIN CELL BATTERIES

Kingway supports **coin cell battery solutions used in compact electronic assemblies requiring reliable, low-power operation.** Cell selection is guided by capacity, discharge characteristics, and physical footprint to support consistent performance and extended service life in space-constrained designs.



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METAL STAMPING

Kingway supplies **precision metal-stamped components used to add structural support, threading, or alignment features within compact electronic assemblies.** Material thickness, forming geometry, and tolerances are controlled to ensure mechanical stability and repeatable fit while supporting efficient, high-volume production.



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PLASTICS

Kingway supports **custom plastic components used to form, protect, and organize compact electronic assemblies.** Part geometry, material selection, and surface finish are defined to balance strength, weight, and dimensional stability while supporting consistent fit and repeatable production.



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BOX BUILD ASSEMBLY

Kingway supports **box build assembly services that bring individual components together into fully assembled, finished electronic products.** Assembly processes are managed to ensure correct integration, functional alignment, and consistent build quality, resulting in complete, production-ready units prepared for testing, packaging, or deployment.



COMPONENT SOURCING

Kingway supports **component sourcing for electronic assemblies by matching functional requirements with reliable, production-ready parts.** Selection is guided by performance needs, availability, and lifecycle considerations, helping ensure consistency as products move from early builds into sustained production.

SILICONE MOLDING

Kingway supports **custom silicone-molded components used to protect, seal, and interface with compact electronic assemblies.** Material formulation and durometer are selected to balance flexibility, durability, and environmental resistance, helping components maintain performance under repeated handling and motion while supporting consistent, repeatable production.

PRINTED CIRCUIT BOARDS

Kingway supports **printed circuit boards designed for compact electronic assemblies where space, signal integrity, and reliability are critical.** Layout, component placement, and layer structure are developed to support stable electrical performance while accommodating tight mechanical constraints and repeatable production requirements.



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BATTERY & HOLDER

Kingway supports **battery and holder solutions for compact electronic assemblies where secure retention and consistent electrical contact are critical.** Battery selection and holder design are coordinated to support reliable power delivery under movement and impact, while maintaining dimensional stability and repeatable assembly across production volumes.



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PRINTED CIRCUIT BOARD ASSEMBLY (PCBA)

Kingway supports **printed circuit board assemblies designed for compact, enclosed electronic products where reliability and consistency are essential.** Assembly processes are managed to ensure accurate component placement, solder integrity, and repeatable electrical performance across high-volume production runs.



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FOAM BALL MANUFACTURING

Kingway supports **foam manufacturing processes used to create durable, impact-absorbing enclosures for electronic products.** Foam density, molding methods, and surface characteristics are controlled to balance resilience, weight, and consistency, helping protect internal components while supporting repeatable production at scale.



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BOX BUILD ASSEMBLY

Kingway supports box build assembly by **coordinating multiple manufacturing partners to bring electronic products together as complete, finished units.** Box build encompasses full device assembly, including enclosures, installed PCBs, wiring and cables, integrated subassemblies, and system-level components such as power supplies, displays, sensors, or motors. Firmware loading, final functional testing, and quality checks are managed to ensure each unit meets defined performance requirements before packaging and release. In this way, **box build represents the transition from internal electronics to a fully assembled, production-ready product.**



ELECTRONICS SOURCING

Kingway provides **electronics sourcing support focused on identifying reliable, production-ready components that align with performance, availability, and lifecycle requirements.** Sourcing decisions are guided by long-term continuity and scalability, helping support consistent builds as products move from early production into sustained volume.



3PL - THIRD PARTY LOGISTICS SERVICES

Kingway provides third-party logistics (3PL) services to support storage, fulfillment, and distribution of finished electronic products. Services may include **warehousing and inventory storage, inventory management systems with real-time visibility, and temperature-controlled handling** when required. Fulfillment activities such as **picking, packing, labeling, kitting, and light assembly** are coordinated to support efficient order processing and consistent presentation. **Transportation and shipping services are managed across small parcel, freight, and international delivery channels**, with support for carrier coordination, customs, and compliance requirements. By integrating 3PL services with manufacturing and box build operations, Kingway helps reduce operational overhead, improve shipping speed, and provide scalable logistics support as product demand changes.



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INJECTION MOLDING

Kingway supports automotive-grade injection-molded components engineered for structural integrity and long-term performance under demanding conditions. Material selection, tooling design, and dimensional control are aligned with requirements for vibration resistance,

thermal stability, and consistent fit across high-volume production runs. By coordinating qualified manufacturing partners and controlled molding processes, Kingway helps deliver repeatable, production-ready plastic components suitable for integration into larger automotive systems.



SILICONE

Kingway supports silicone-molded components used for sealing and environmental protection within automotive assemblies. Material formulations and molding processes are selected to provide resistance to temperature extremes, moisture, vibration,

and long-term compression set. Dimensional consistency and controlled tolerances help ensure reliable sealing performance across high-volume production runs and extended service lifecycles.



POGO PINS

Kingway supports precision pogo pin components used to provide reliable spring-loaded electrical connections within automotive assemblies. Contact force, plating, and mechanical tolerances are engineered to maintain stable conductivity under vibration, repeated

mating cycles, and temperature variation. These components enable consistent signal or power transfer in applications requiring durable, repeatable electrical interface performance.



METAL STAMPING

Kingway supports precision metal-stamped components such as clips, brackets, and retention features used within automotive assemblies. Material selection, forming geometry, and surface treatment are controlled to provide

consistent retention force, structural integrity, and resistance to vibration and environmental exposure. Tight tolerances and repeatable production methods help ensure dependable mechanical performance across high-volume automotive programs.



BATTERIES

Kingway supports coin cell battery solutions used within automotive electronic modules requiring stable, low-power performance. Cell chemistry and capacity are selected to support consistent voltage output and long service life under

temperature variation and vibration typical of vehicle environments. Controlled sourcing and quality verification help ensure dependable power delivery across high-volume automotive production programs.



WIRE HARNESSES

Kingway supports automotive wire harness assemblies engineered to

deliver reliable power and signal distribution within vehicle systems. Harness design incorporates appropriate conductor sizing, insulation materials, shielding, and secure connector interfaces to withstand vibration, temperature variation, and long-term operational demands. Controlled assembly processes and testing help ensure consistent electrical performance and repeatable quality across high-volume automotive production programs.



INTERCONNECTS

Kingway supports custom interconnect and connector solutions designed to provide secure, repeatable electrical interfaces within

automotive systems. Contact materials, plating, sealing features, and housing geometry are selected to ensure stable conductivity, vibration resistance, and environmental protection under demanding operating conditions. Controlled manufacturing and inspection processes help maintain consistent mating performance and long-term reliability across high-volume automotive programs.



ENGINEERING SERVICES

Kingway provides engineering services that support automotive programs through design validation, material and component selection, and manufacturability review. Engineering efforts focus on translating

performance requirements into practical, production-ready solutions while addressing durability, compliance, and lifecycle considerations early in development.



MANUFACTURING SERVICES

Manufacturing services extend an engineering foundation into disciplined production environments, where controlled processes, supplier coordination, and quality oversight ensure consistent,

repeatable output. By connecting engineering intent with structured manufacturing execution, Kingway helps support scalable automotive programs from development through sustained production.



INJECTION MOLDING

Kingway supports injection-molded plastic components used in outdoor power and lawn equipment. Materials and part geometry are selected to withstand UV exposure, moisture, debris, and engine vibration while maintaining structural integrity. Controlled molding processes

help ensure consistent fit and repeatable production across seasonal, high-volume programs.



CUSTOM CONNECTORS

Kingway supports custom connector solutions designed for outdoor power and lawn equipment

applications. Connector housings, sealing features, and contact materials are selected to resist moisture, dust, and vibration while maintaining reliable electrical performance. Controlled production and inspection processes help ensure consistent mating and durability in demanding field environments.



SILICONE MOLDING

Kingway supports silicone-molded components used for sealing and protection in outdoor power equipment. Material formulations are selected to resist moisture, temperature swings, and prolonged UV exposure while maintaining flexibility and compression performance.

Consistent molding processes help ensure dependable sealing across high-volume production runs.



DISPLAYS

Kingway supports display solutions used in outdoor power and lawn equipment for system monitoring and user interaction. Displays are selected for visibility in varying light conditions and designed to withstand vibration, temperature changes, and environmental exposure. Integration

considerations help ensure reliable performance in rugged operating environments.



LCD PANELS

Kingway supports LCD panel solutions used within control interfaces for outdoor equipment applications. Panel selection considers contrast, viewing angle, backlighting performance, and electrical compatibility to support reliable operation in bright daylight and varying

temperatures. Controlled sourcing helps ensure consistent supply and stable performance across production lifecycles.



METAL STAMPING

Kingway supports stamped metal components used in outdoor power and lawn equipment applications. Material selection and forming processes are controlled to provide consistent strength, durability, and resistance to wear in demanding operating conditions.

Repeatable production methods help ensure reliable performance across high-volume equipment programs.



LEDs

Kingway supports LED solutions used for visibility, status indication, and work lighting in outdoor power equipment. LED selection considers brightness, efficiency, and thermal performance to ensure reliable operation in vibration-prone and temperature-variable environments.

Controlled sourcing and assembly processes help maintain consistent illumination and long service life across production programs.



WIRE HARNESSES

Kingway supports wire harness assemblies designed for outdoor power and lawn equipment applications. Harness configurations account for engine vibration, moisture exposure, and routing through compact mechanical spaces while maintaining dependable power and signal transmission.

Controlled assembly and testing processes help ensure consistent electrical performance across high-volume equipment production.



PCBA / EMS

Kingway supports printed circuit board assembly and electronics manufacturing services for control systems used in outdoor power equipment. Assembly processes and component selection are aligned to withstand vibration, temperature variation, and environmental exposure common in engine-

driven applications. Coordinated EMS support helps ensure consistent build quality and scalable production across equipment programs.



BATTERIES

Kingway supports battery solutions ranging from compact coin cells for control modules to higher-capacity batteries used in

outdoor power equipment systems. Battery selection considers runtime requirements, temperature exposure, vibration, and charging characteristics to ensure dependable operation in demanding field environments. Controlled sourcing and quality oversight help maintain consistent performance across seasonal production programs.



CNC PARTS

Kingway supports CNC-machined components used within industrial enclosure and cabinet systems where tight tolerances and precise mechanical fit are required. Machining processes are selected to achieve accurate dimensions, clean finishes, and consistent repeatability across production volumes. These parts are commonly used for mounting interfaces, structural supports, and custom mechanical features that demand higher precision than formed components, ensuring dependable integration within larger industrial assemblies.



FANS

Kingway supports fan and ventilation solutions used within industrial enclosure and cabinet systems to manage internal heat and maintain stable operating temperatures. Fan selection considers airflow requirements, noise levels, power consumption, and expected service life to support reliable performance in continuous-duty environments. Integrated mounting and airflow planning help ensure effective thermal management while maintaining consistent production quality across industrial programs.



WIRE HARNESSES

Kingway supports wire harness assemblies used within industrial enclosure and cabinet systems to distribute power and control signals in an organized, serviceable configuration. Harness design accounts for routing through structured panel layouts, secure termination points, and clear separation of power and signal circuits. Controlled assembly and testing processes help ensure consistent electrical performance and reliable integration across industrial production programs.



METAL STAMPING

Kingway supports precision metal-stamped components

used within industrial enclosure and cabinet systems for mounting, reinforcement, and structural alignment. Material thickness, forming geometry, and surface treatment are carefully controlled to ensure dimensional accuracy and long-term mechanical stability. These stamped parts integrate with cabinet assemblies to support internal components, panel hardware, and electrical systems while maintaining repeatable quality across production runs.



ANTENNAS & RF CONNECTORS

Kingway supports antenna and RF connector solutions used in industrial systems requiring stable wireless or signal communication. Component selection considers frequency range, signal integrity, shielding, and secure mechanical mounting within enclosure environments. Precision connectors and controlled assembly processes help ensure reliable connectivity, minimal signal loss, and consistent performance across industrial production programs.



THERMOSTATS

Kingway supports thermostat solutions used within industrial enclosure and cabinet systems to regulate internal temperature and protect sensitive components. Thermostat selection considers operating range, response accuracy, mounting configuration, and electrical compatibility to ensure stable thermal control. Integrated within broader thermal management strategies, these components help maintain consistent system performance and long-term reliability across industrial applications.



SPEAKERS

Kingway supports speaker solutions used within industrial enclosure and cabinet systems for audible alerts, status indication, and user feedback. Speaker selection considers sound output level, mounting configuration, and durability to ensure clear audio performance in equipment environments. Integrated assembly and controlled sourcing help maintain consistent functionality and reliable operation across industrial production programs.



PRINTED CIRCUIT BOARD ASSEMBLY (PCBA)

Kingway supports printed circuit board assemblies used in industrial control and enclosure systems where stability and long-term performance are critical. Assembly processes are aligned with controlled component placement, solder integrity, and functional testing to ensure dependable electrical operation. Designed to integrate within cabinet environments, these PCBAs support consistent performance across continuous-duty industrial applications and scalable production programs.



TERMINAL BLOCKS

Kingway supports terminal block solutions used within industrial enclosure and cabinet systems to provide organized, secure electrical distribution. Terminal selection considers current rating, mounting method, and connection type to ensure reliable power and signal termination. Designed for structured panel layouts, these components support safe installation, simplified maintenance, and consistent performance across industrial production programs.



SOURCING

Kingway provides sourcing support for mechanical and hardware components used within industrial enclosure and cabinet systems, including mobility features such as casters and mounting hardware. Component selection considers load capacity, material durability, and compatibility with overall cabinet design to ensure reliable performance in operational environments. Coordinated supplier management and quality oversight help maintain consistent standards and dependable delivery across industrial programs.



BATTERIES

Kingway supports integrated battery solutions used within industrial enclosures where dependable power delivery and long service life are essential. Battery systems are aligned with application requirements including capacity, discharge performance, and environmental durability. Coordination across sourcing, mechanical integration, and electrical interface design helps ensure reliable operation within demanding industrial equipment environments.



CONNECTORS

Kingway supports industrial-grade connector solutions designed for secure power and signal transmission within enclosed equipment systems. Connector selection considers current capacity, environmental sealing, mechanical durability, and long-term mating reliability. Integrated sourcing and assembly coordination help ensure dependable electrical interfaces suited for demanding industrial applications and extended service environments.



INDUSTRIAL ELECTRONICS SOURCING

Kingway provides coordinated sourcing support for a broad range of industrial electronic components, including semiconductors, power devices, passive components, electromechanical parts, and custom subassemblies. Supplier evaluation emphasizes component authenticity, lifecycle management, long-term availability, and consistent quality to support stable industrial production programs.

Through established global sourcing relationships and structured vendor qualification processes, Kingway helps mitigate supply chain risk while maintaining cost control and production continuity. Alignment between engineering requirements, procurement strategy, and manufacturing oversight supports dependable integration across complex industrial systems operating in demanding environments.



CONNECTORS

Kingway supports connector solutions used within industrial control modules to provide secure electrical interfaces between boards, subassemblies, and external wiring. Connector selection considers contact reliability, current rating, and mechanical retention to ensure stable performance within enclosed control environments. Designed for consistent mating and long-term durability, these components support dependable electrical integration across industrial production programs.



TERMINAL BLOCKS

Kingway supports terminal block solutions used within industrial control modules to provide organized, secure power and signal connections. Terminal selection considers current capacity, connection method, and mounting configuration to ensure reliable electrical termination and simplified field wiring. Designed for integration directly onto control boards or within enclosure assemblies, these components support safe installation, consistent performance, and long-term serviceability across industrial applications.



BUZZERS

Kingway supports piezo buzzer solutions used in industrial control modules to provide clear audible alerts and status indications. Buzzer selection considers sound output level, drive voltage compatibility, and mounting configuration to ensure reliable operation within enclosed panel environments. Designed for consistent activation and long service life, these components enhance system feedback and operator awareness in industrial applications.



MEMBRANE SWITCHES

Kingway supports custom membrane switch solutions used in industrial control modules and enclosure interfaces. Switch construction considers tactile response, graphic durability, environmental sealing, and electrical trace integrity to ensure reliable operation under repeated use. Designed for clean integration with enclosure cutouts and internal control boards, membrane interfaces provide a low-profile, sealed user input solution suitable for long service life in industrial applications.



COMPONENT SOURCING

Kingway provides coordinated component sourcing support for industrial control modules, including semiconductors, microcontrollers, power management devices, passive components, connectors, and electromechanical elements. Supplier evaluation emphasizes component authenticity, lifecycle status, revision control, and long-term availability to support stable control system production. Particular attention is given to voltage regulation, signal integrity, thermal performance, and compatibility within complex control architectures.

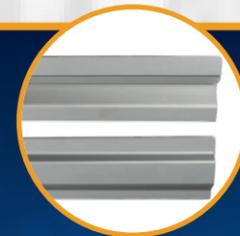
Through established global sourcing relationships and structured vendor qualification processes, Kingway helps mitigate supply chain volatility while maintaining cost discipline and quality assurance. Procurement strategy is aligned with engineering requirements to reduce redesign risk, manage obsolescence exposure, and support production continuity across extended industrial product lifecycles.

Close coordination between sourcing, engineering, and manufacturing teams helps ensure that selected components integrate seamlessly into finished assemblies. This integrated approach strengthens system reliability, improves production efficiency, and supports long-term operational stability in demanding industrial control environments.



LCD PANELS

Kingway supports LCD panel solutions integrated into industrial control modules to provide clear system status and parameter visibility. Panel selection considers readability, contrast, backlighting performance, and electrical compatibility to ensure consistent operation within enclosure environments. Designed for reliable long-term use, these display components integrate with membrane interfaces and internal control electronics to support stable industrial system monitoring.



BOX BUILD ASSEMBLY

Kingway supports complete box build assembly for industrial lighting systems, integrating LED modules, drivers, wiring, housings, and mounting hardware into fully assembled units. Mechanical, electrical, and thermal components are aligned to ensure secure installation, consistent illumination performance, and long-term durability in demanding industrial environments. Coordinated assembly, testing, and quality verification help deliver lighting systems ready for reliable field deployment.



INJECTION MOLDING

Kingway supports precision injection-molded end caps used in industrial lighting systems to provide enclosure protection, structural reinforcement, and environmental sealing. Material selection and tooling design are aligned to ensure secure fitment, impact resistance, and durability across varied operating conditions. Controlled molding and inspection processes help maintain dimensional consistency and long-term reliability within industrial lighting assemblies.



PCBA ASSEMBLY

Kingway supports printed circuit board assembly solutions used in industrial lighting systems where consistent illumination output, effective thermal management, and long-term electrical reliability are essential. PCB design and assembly processes are aligned to support stable current regulation, optimized heat dissipation, and uniform LED performance across extended operating cycles. Through coordinated sourcing, automated assembly, and structured inspection practices, Kingway helps ensure dependable functionality suited for demanding industrial lighting environments.



WIRE HARNESSES

Kingway supports wire harness solutions used in industrial lighting systems to provide secure power distribution and dependable electrical connectivity. Harness design considers current capacity, insulation durability, strain relief, and environmental exposure to support long-term operation in demanding installations. Coordinated sourcing, assembly, and testing processes help ensure consistent performance and reliable integration within industrial lighting assemblies.



EXTRUSION

Kingway supports precision aluminum extrusion solutions used in industrial lighting systems where structural stability and thermal management are critical. Extruded profiles are designed to provide efficient heat dissipation, secure PCB mounting, and durable housing protection for LED assemblies. Controlled fabrication, finishing, and dimensional inspection processes help ensure consistent fit, reliable performance, and long service life in demanding industrial lighting applications.



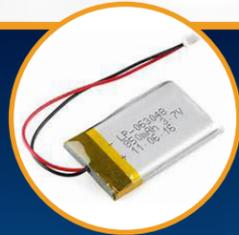
COMPONENT SOURCING

Kingway provides coordinated component sourcing for industrial lighting systems, including high-performance LED elements, drivers, power supplies, connectors, and supporting electronic components. Supplier qualification emphasizes luminous consistency, thermal performance, lifecycle stability, and long-term availability to support reliable production programs. Through established global sourcing relationships and structured vendor management processes, Kingway helps mitigate supply chain risk while maintaining cost control and quality assurance. Alignment between engineering requirements, procurement strategy, and manufacturing oversight supports dependable integration and sustained performance across demanding industrial lighting applications.



INJECTION MOLDING

Kingway supports injection-molded plastic components used in medical monitoring and diagnostic devices where precision and surface quality are critical. Material selection and tooling processes are aligned to support dimensional accuracy, clean finishes, and compatibility with medical-grade performance requirements. Controlled molding and inspection practices help ensure consistent part integrity and repeatable production suitable for regulated healthcare applications.



BATTERIES

Kingway supports battery solutions used in portable medical monitoring systems where stable power delivery and predictable runtime are essential. Battery selection considers capacity, charging characteristics, and protection features to promote safe, consistent performance over repeated use cycles. Controlled sourcing and quality verification processes help ensure dependable operation and long-term reliability within regulated healthcare applications.



WIRE HARNESSES

Kingway supports custom wire harness and cable assemblies used in medical monitoring systems where signal accuracy and mechanical durability are critical. Harness design considers shielding, strain relief, connector integrity, and flexibility to support reliable data transmission and repeated patient use. Controlled assembly processes and inspection protocols help ensure consistent electrical performance and dependable integration within regulated healthcare devices.



POWER SUPPLIES

Kingway supports AC/DC power supply solutions used in medical monitoring systems, including wall adapters, plug-in adapters, and external power modules that convert 110-240V AC input to regulated low-voltage DC output required by electronic devices. Power supply selection considers output stability, thermal performance, and long-term reliability to support continuous or extended-use operation. Manufacturing partners ensure compliance with applicable global standards such as UL / ETL (U.S.), CE (Europe), and FCC, supporting safe integration within regulated healthcare environments.



SOURCING

Kingway provides coordinated sourcing support for electronic and patient-adjacent components used in medical monitoring systems, including items such as indicator LEDs, mechanical accessories, and soft goods. Supplier evaluation emphasizes material consistency, component reliability, and controlled production standards appropriate for healthcare environments. By aligning sourcing with engineering and manufacturing oversight, Kingway supports continuity of supply, quality assurance, and dependable program execution across medical device production.



BATTERIES

Kingway supports compact battery solutions used in handheld medical diagnostic instruments where consistent illumination and reliable runtime are essential. Battery selection considers energy density, discharge stability, and dimensional constraints to support dependable performance within tightly integrated housings. Controlled sourcing and verification processes help ensure safe operation, repeatable output, and long-term reliability across medical device production programs.



INJECTION MOLDING

Kingway supports precision injection-molded components used in handheld medical diagnostic instruments where dimensional accuracy and surface quality are critical. Housing design and tooling processes are aligned to support ergonomic handling, secure internal component retention, and consistent optical alignment. Controlled molding and inspection practices help ensure repeatable part integrity suitable for compact, high-reliability medical device assemblies.



FORMED WIRE COMPONENTS

Kingway supports precision formed wire components used in medical device assemblies for retention, structural support, and controlled mechanical movement. Wire forming processes consider material selection, dimensional accuracy, and surface finishing to ensure consistent fit and dependable performance within compact housings. Controlled fabrication and inspection practices help maintain repeatability and long-term reliability suitable for medical device production programs.



LED SOURCING

Kingway provides coordinated sourcing support for precision illumination components used in medical diagnostic assemblies, including high-performance LED elements and related optical components. Supplier selection considers luminous consistency, color stability, and long-term reliability to support accurate visual diagnostics. By aligning sourcing with engineering oversight and manufacturing controls, Kingway helps maintain continuity of supply and repeatable performance across medical device production programs.



PCB ASSEMBLY

Kingway supports printed circuit board assembly solutions for medical devices where precision, miniaturization, and consistent electrical performance are critical. PCB layouts are aligned to support stable power distribution, signal integrity, and reliable component placement within compact form factors. Assembly processes emphasize controlled soldering, inspection, and traceability to maintain repeatable quality across production runs. Component selection and integration consider thermal performance, battery interface stability, and long-term operational reliability within handheld or portable medical applications. Coordinated sourcing, automated assembly, and structured quality verification help ensure dependable functionality and sustained performance across medical device lifecycles.



COMPONENT SOURCING

Kingway provides coordinated component sourcing support for medical device programs, including semiconductors, sensors, power management devices, connectors, passives, electromechanical components, and custom subassemblies. Supplier evaluation emphasizes component authenticity, lifecycle status, revision control, and long-term availability to support stable production across extended medical product lifecycles. Particular attention is given to signal integrity, power stability, miniaturization constraints, and material consistency within sensitive diagnostic and monitoring applications.

Through established global sourcing relationships and structured vendor qualification processes, Kingway helps mitigate supply chain volatility while maintaining disciplined quality oversight and cost control. Procurement strategy is aligned closely with engineering requirements to reduce redesign risk, manage obsolescence exposure, and support continuity of supply in regulated healthcare environments.

Close coordination between sourcing, engineering, and manufacturing teams strengthens traceability and documentation throughout the production process. This integrated approach supports dependable performance, repeatable quality, and long-term reliability across complex medical device assemblies.



INTERCONNECTS



PCB ASSEMBLY



WIRE HARNESSES



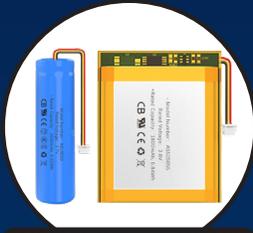
THERMOSTATS



ANTENNAS



COIN CELL BATTERIES



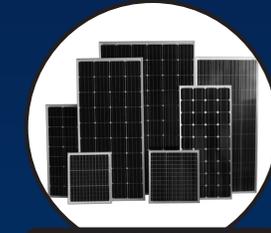
SECONDARY BATTERIES/PACKS



METAL STAMPING



INJECTION MOLDING



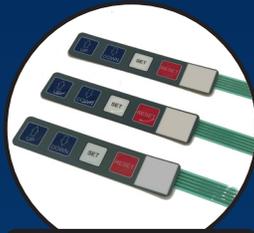
SOLAR POWER



CUSTOM SILICONE



CUSTOM POWER CORDS



MEMBRANE/OVERLAY SWITCHES



BOX BUILD MANUFACTURING



POWER SUPPLIES



SPEAKERS



HIGH CAPACITY BATTERIES



ALUMINUM CASTING



FANS



MAGNETICS

EXPERIENCE YOU CAN BUILD ON

Kingway brings products from around the world to your door.



DIRECT SOURCING



SHORTER LEAD TIMES



CUSTOMIZED SOLUTIONS



MAXIMIZED PROFITABILITY

OUR MISSION:

We offer direct sourcing and customized logistics management by utilizing our 30+ years of relationships and experience to deliver better pricing and shorter lead times with the goal of maximizing our customers' profitability.

PRODUCTS:

- Sourcing
- Engineering
- Manufacturing
- Sub-Assemblies
- Full Box Builds

LOGISTICS:

- Customized Plans
- Efficient Packaging
- Expedited Air Freight
- Sea Freight
- Domestic Warehousing