

⚡ Start Co-development: Electronics & Electricals (ESDM)

🌟 Why Co-develop with IndiaUnbox?

India is one of the **fastest-growing hubs for electronics and electrical manufacturing**, supported by **ESDM policies, PLI incentives, and world-class design capabilities**.

Through IndiaUnbox, buyers can co-create **consumer electronics, industrial electronics, electrical components, and IoT solutions** by partnering with **ISO/CE/UL-certified facilities**. We ensure **design-to-delivery support with compliance and scalability**.

🔧 Our Co-development Process

1. 🎨 **Concept & Design Brief**
 - Define category: consumer electronics, white goods, industrial controls, EV components.
 - Hardware & PCB design support (Altium, KiCad, OrCAD).
 - Embedded systems and IoT prototyping.
 2. 📦 **Component & Material Selection**
 - Semiconductors, PCBs, SMT components.
 - Electricals: motors, transformers, cables, switchgear.
 - Eco-compliant raw materials (RoHS, lead-free).
 3. ✂️ **Prototyping & Sampling**
 - PCB assembly (SMT, THT).
 - Rapid prototyping: 3D printing of housings, enclosures.
 - Pilot builds for functionality & reliability testing.
 4. ✅ **Testing & Compliance**
 - Certifications: CE, UL, RoHS, REACH, BIS, FCC.
 - Electrical safety: insulation, leakage current, overload testing.
 - EMI/EMC compliance and thermal stress tests.
 5. ⚙️ **Production & Scaling**
 - SMT lines with pick & place machines (10k–100k components/hr).
 - Automated testing & burn-in chambers.
 - Injection molding for enclosures.
 - Box-build assembly & export packaging.
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What You Can Develop with Us

- **Electronics:** Consumer electronics, IoT devices, PCB assemblies, EV electronics.
 - **Electricals:** Motors, transformers, switchgear, cables, lighting solutions.
 - **Industrial Electronics:** Control panels, sensors, automation equipment.
 - **Renewable Energy Solutions:** Solar inverters, battery packs, smart meters.
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Why India for Electronics & Electricals?

- **Government Push:** PLI, Make in India, Digital India, Electronics Policy.
 - **Cluster Strengths:**
 - Bengaluru, Hyderabad → Semiconductors & electronics design.
 - Noida, Pune, Chennai → Mobile phones, consumer electronics.
 - Delhi NCR → LED lighting, PCB assemblies.
 - Gujarat, Maharashtra → Electrical machinery & cables.
 - **Compliance Ready:** Factories certified with CE, UL, RoHS, ISO.
 - **Innovation Edge:** Strong ecosystem for IoT, EVs, and renewable energy.
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Ready to Co-develop?

 Share your **requirement brief** today and start your journey from **design to market-ready electronics & electrical products** with IndiaUnbox.

 **Click to Start Co-development**