



Visit our Website for a complete list of our products.  
www.batteryholders.com  
www.memoryprotectiondevices.com  
We specialize in custom parts!  
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## Complete Product Overview

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### About Memory Protection Devices Inc. (MPD)

Memory Protection Devices Inc. (MPD) is a **global, ISO 9001:2015 certified manufacturer** specializing in innovative, high-quality battery holders, metal contacts, fuse holders, 12 volts auto components, DC jacks and DC plugs, IR safety sensor beams, cable assemblies, custom parts, and related electronic interconnect components.

MPD products are **RoHS & REACH compliant**, designed and manufactured in China and Taiwan to rigorous international standards. As a trusted supplier worldwide, MPD supports industries ranging from consumer electronics to automotive, industrial control, medical, and IoT.

MPD also excels in developing **custom-engineered solutions**, tailoring products to unique specifications for demanding applications.

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### Global Certifications & Compliance

- ✓ **ISO 9001:2015 Certified** Quality Management System
  - ✓ **RoHS & REACH Compliant** – ensuring products are safe, sustainable, and meet international environmental standards
  - ✓ Using high-grade flame-retardant plastics and tested for global markets.
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## Product Categories & Typical Applications

### Battery Holders & Metal Contacts

#### Product Types

- Coin cell holders (CR1020 – CR2477)
- A/ AA / AAA / AAAA / C / D/ N/ and others/
- 18650 Li-ion holders
- Metal battery contacts

#### Applications

- IoT devices, medical sensors, remote ctrl.
  - Toys, portable instruments, test equip.
  - Power tools, industrial battery packs
  - Key fobs, toys, electronics, home appliances
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### Fuse Holders & Electrical Safety

#### Product Types

- Inline fuse holders (AGC, ATC, waterproof styles)
- Panel mount & PCB fuse blocks

#### Applications

- Automotive wiring harnesses, marine electronics
  - HVAC systems, industrial control cabinets
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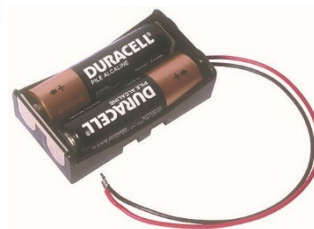
### 12 Volt Automotive Power Accessories

#### Product Types

- Cigarette lighter plugs & sockets
- Battery clip cables with inline sockets
- DIN merit sockets & waterproof connectors

#### Applications

- Dash cams, car coolers, LED work lights
  - Jump packs, mobile service tools
  - RV, truck, heavy machinery electrical setups
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## IR Safety Sensor Beams (HB Series)

### Features

- Up to 15 m sensing distance
- IP65 sealed, IP67
- Quick 12 mm push-in mount
- LED ring diagnostics

### Applications

Elevators, escalators, automatic doors, garage gates, machine safety curtains

MPD's HB series is widely installed in **commercial elevators, building access gates, and automated industrial safety systems**, trusted for reliable obstruction detection and compliance with safety standards like UL325. Special features.



## Custom Engineered Products

MPD's engineering team works closely with OEMs to develop:

- Custom-sized holders and contacts
  - Specialized plating (nickel, gold) for corrosive environments
  - Adapted fuse solutions for non-standard fuses
  - Custom IR sensor cables & connector types
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## Product Images (Examples)

Category	Image Example
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AA Holders



**Category**

**Image Example**

Surface Mount Holder



C cell holder



## What Sets MPD Apart

- ✔ **Complete portfolio** covering everything from small coin cell holders to robust 12V power interconnects and precision IR safety sensors.
  - ✔ **Global compliance** to ISO 9001:2015, RoHS, REACH, and various UL material standards.
  - ✔ **Custom design capabilities** for engineered solutions that standard products can't solve.
  - ✔ **Prototyping and mass production**, serving customers worldwide in automotive, industrial, consumer, and medical markets.
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## ★ Customer & Industry Feedback

- MPD's products are consistently praised by design engineers for **exceptional reliability, secure fit, and vibration resistance**.
- Many long-term OEM customers note MPD's **flexibility and engineering support** in developing custom holders or sensors for unique applications.

*"MPD is our go-to for battery holders because of their ruggedness and the way they lock cells in under vibration — we see fewer warranty returns."*

— Lead Engineer, Global Industrial Controls OEM

*"The IR safety beams are straightforward to install and handle challenging reflective environments better than other brands we've tested."*

— Elevator Service Contractor, Europe

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## In Summary

**Memory Protection Devices Inc.** is a trusted global partner for:

- ✔ Standard and custom **battery holders, fuse holders, 12V connectors, and IR safety sensor beams**
- ✔ Backed by **ISO 9001:2015 certification, RoHS & REACH compliance**
- ✔ With a proven track record across automotive, medical, consumer, and industrial markets.

