

AUTO ENGAGE DERAIL LIGHT



Rail Electrical Services LLC

RailEPS.com

Rail Electrical Services LLC aims to prevent accidental nighttime derailments in poorly lit conditions and enhance the safety of personnel working on equipment. This initiative not only aims to reduce accidents but also offers potential savings on damage costs, thereby increasing overall operational safety and efficiency.

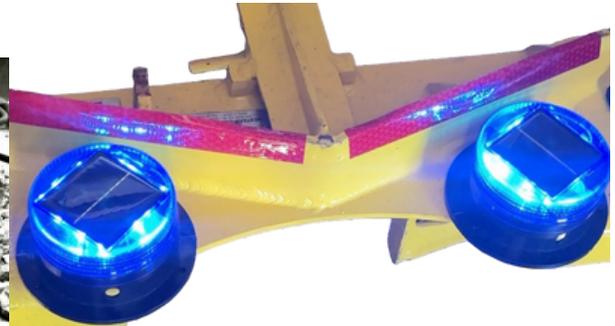
Built-in position-sensitive module with gravity-sensing capabilities for Fixed & Portable Derails: This product is equipped with a built-in position-sensitive module with gravity-sensing capabilities, specifically designed to detect the position or orientation of a derail based on gravitational forces. This forefront innovation in blue signal protection significantly enhances safety on railroads.

The module automatically recognizes when the derail is in the derailing position, triggering the light to activate. When repositioned to the non-derailing stance, the light turns off, promoting optimal energy efficiency and improved safety. Advance Photo Detector: the light features an advanced photodetector sensor that automatically activates at dusk, enhancing safety and visibility during critical nighttime operations. This sensor also deactivates the light at daylight, optimizing energy usage and reducing maintenance needs. Versatile Mounting: Features a strong magnet for easy attachment and an optional bolt-down method for security.

Scan me for
a short video



**Derail Down, Light
turns off automatically**



**Derail up, lights turn
on automatically**

Rechargeable Work LEDs

PN# RESFlash



PN# RESHL



DOUBLE LAMPS DESIGN

270° Wide-Beam LED Lamp, it illuminates wider and Brightness than other wide beams of light!

270° Wide-Beam

000Lumens

COB LED spotlight, provides a concentrated illuminating beam

500Lumens

4.6OZ Lightweight
Waterproof & Comfortable

ADJUSTABLE FOCUSING

90°

90° ROTATABLE HEAD

Flexible and Ultra-light

Solar Blue Control Point LEDs



- **Solar Charged:** The device can charge efficiently under both cloudy conditions and indoor artificial lighting, ensuring it remains powered even in less ideal conditions.
- **Rechargeable Battery:** By using rechargeable batteries, the product not only reduces waste but also avoids the need for frequent disposals and related fees.
- **Long Battery Life:** Once fully charged, the battery can power the device for 4-5 nights continuously, making it dependable for extended periods without needing a recharge.
- **Photocell Technology:** Incorporates a photocell for automatic on/off control, enhancing convenience and energy efficiency by adjusting to natural light conditions.



Enhance Safety with Our Blue Signal Solar Safety Lights

Our Blue Signal Solar lights remain highly visible even when unlit, thanks to their vibrant colors. They effortlessly capture attention, ensuring extra safety for working personnel even when switched off.



Choose our Blue Signal lights for their outstanding visibility and environmental benefits. Reliable in all conditions and designed with sustainability in mind, these lights are an essential addition to any safety-conscious workspace.

Ready to enhance the safety and efficiency of your operations?

Visit us at www.RailEPS.com to place your order and learn more about our innovative lighting solutions. Light the way to a safer and greener future with Rail Electrical Services.

Workers LED Charging Station

Rail Electrical Services 12-Port USB Charging Station

Maximize efficiency and sustainability in the workplace with the Rail Electrical Services 12-Port USB Charging Station. Designed specifically for the dynamic needs of railway workers, this Type-C charging station is an essential tool for keeping hard hat lights, flashlights, and other devices powered and ready to go.

Convenient and Practical

Strategically designed to be placed in workers' toolbox areas and break rooms, our charging station ensures that essential gear is always charged and accessible. The 12 ports allow multiple devices to be charged simultaneously, reducing wait times and increasing productivity during shifts.

Cost-Efficient and Eco-Friendly

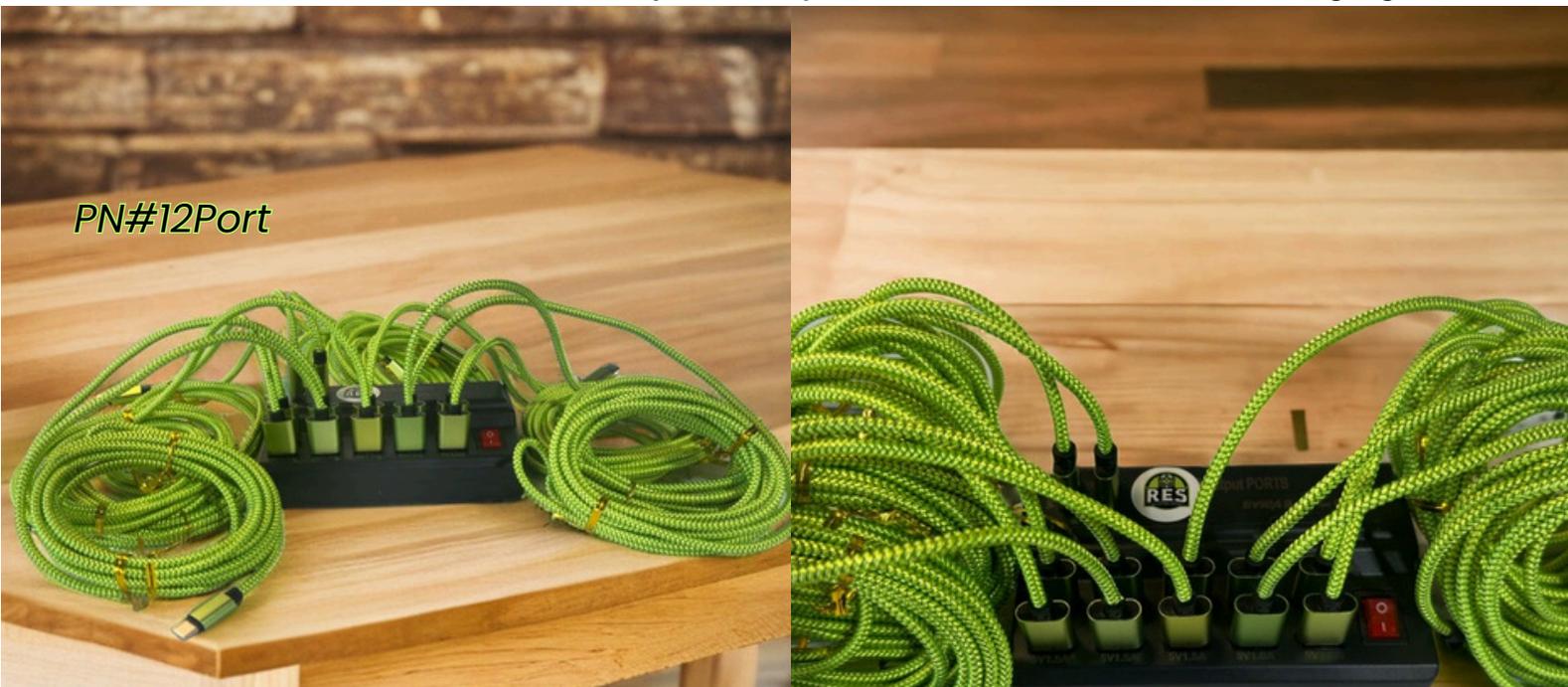
By facilitating the use of rechargeable devices, our charging station significantly cuts down on the costs associated with disposable batteries. This not only saves the railroad on battery expenses but also reduces environmental waste, supporting your company's sustainability goals.

Key Benefits:

- Accessibility: Easy access in common areas ensures that no worker is left with uncharged equipment.*
- Efficiency: Simultaneous charging for up to 12 devices maximizes uptime for all essential tools.*
- Eco-Friendly: Reduces dependency on disposable batteries, lowering costs and environmental impact.*

Equip your workforce with the tools they need for success while advancing your commitment to cost reduction and environmental responsibility with the R.E.S 12-Port USB Charging Station.

PN#12Port



Solar Charged LEDs



PN# BlueFlagLED
(flag not included)



PN# BlueMagTag



PN# BlueFlagLED2
(flag not included)



PN# BlueMag



PN# RedMag



PN# YellowMag



PN# ClearMag



PN# GreenMag

Specification: Voltage: 1.2V

Solar Power: 0.4W

Battery Capacity: 800mAh

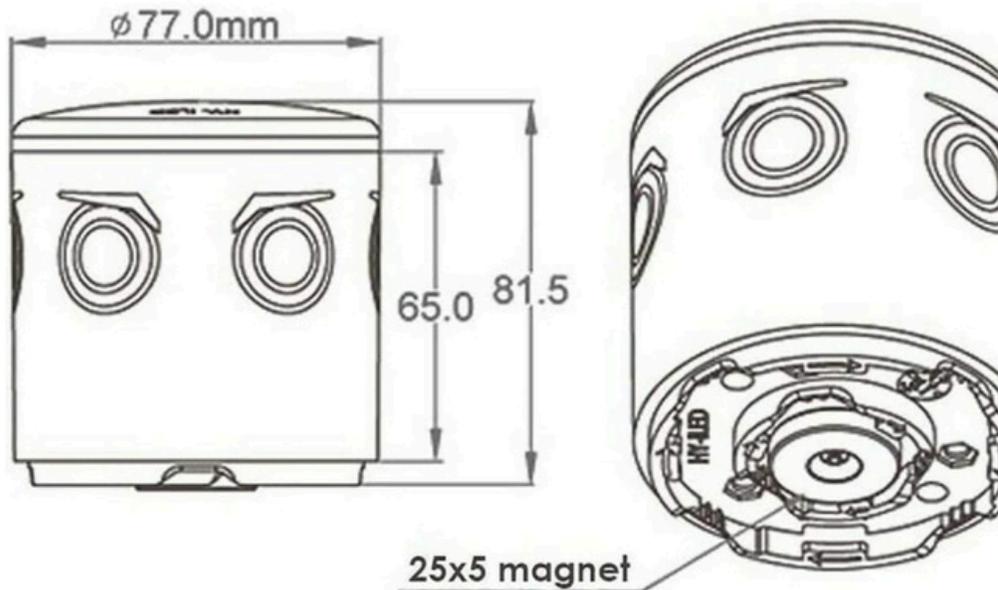
LED Bulb Quantity: 6

Visible Distance: 800 - 1000m (0.5 - 0.6 miles)

Flash Rate: 40/min

Working Time (fully charged): 4-5 nights

Protection Level: IP48



Derail & Foul Point LEDs

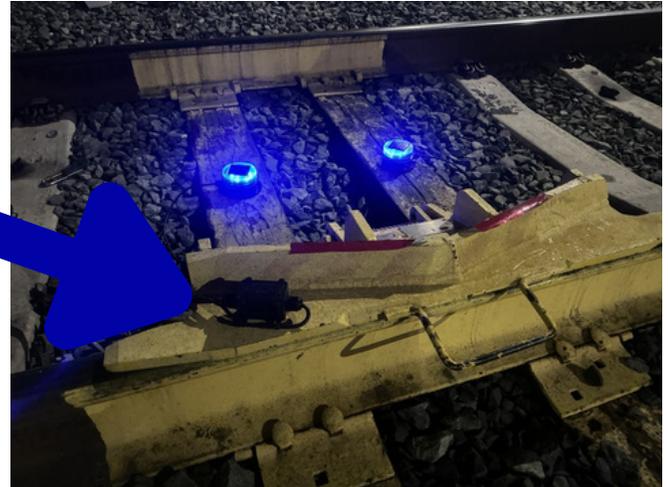


Blue Signal AutoEngage Derail Light
(Sold in pairs)

PN# RESAutoBlue (blue)

PN# RESAutoRED (red)

PN# RESAutoClear (clear/wired)



CLEAR-LENS AUTO-ENGAGE DERAIL LIGHT

Remote Position Sensing • Always Charged • Night-Only Illumination

HOW IT WORKS

This system performs the same safety function as the Auto-Engage Derail Light, with one key enhancement:

- A gravity-sensing position sensor is magnetically mounted directly to the derail
- The sensor is hard-wired to a separate clear-lens signal light
- When the derail is in the protecting position, the sensor activates the light
- During the day, the lens remains clear and unlit
- At night, the light automatically illuminates when the derail is applied



Foul Point Marker Solar Marker Lights
(sold in pairs)

PN# FoulOrange

PN# FoulBlue

PN# FoulRed

PN# FoulClear

PN# FoulGreen



Solar Charged Strobe LEDs



LED Color: Blue, Orange, Red, Green, Clear White

Material: ABS+PC

Size: 6in x 3.3in

Power: Solar panel

Size Solar panel: 5.5v 160ma

Visible distance: >1500m at night

Waterproof: IP68

Battery: 3.7V 2200mAh

LED quantity: 20pcs

Working mode: Flash/stroboscopic/continue to glow

Mounting and fixing mode:

Screw in or magnet+silicone suction

Part Numbers:

SLR-Blue, SLR- Orange, SLR-Red, SLR-Green, SLR-White



Battery Powered Safety LEDs

Portable, high-visibility safety lighting with magnetic mounting, flag-hanging string, and automatic day/night operation.

Specifications:

- *Light Output: 8 LEDs with RES-PL36™ prismatic optic*
- *Visibility: 360° omnidirectional*
- *Flash Pattern: 30 quad flashes per minute*
- *Mounting: Industrial magnetic base*
- *Power: (2) D-cell batteries*
- *Weight: ~14 oz*
- *Dimensions: 4.5" × 4.5" × 5.75"*
- *Special Features: Magnetic mount, photocell day/night switch*
- *Environmental: Water-resistant*

*PN's: RES-360-BLU, RES-360-RED, RES-360-AMB
RES-360-GRN, RES-360-CLR*



Track Flags

We offer customizable blue and red track flags and derail signs designed for railroad and yard operations. Signs can be configured with custom text, colors, mounting options, and layouts to match your operating rules and safety requirements. Built for high visibility, durability, and daily yard use, these signs support clear communication and consistent protection practices.



ASK ABOUT OUR CUSTOMIZABLE ELECTRIC YARD VEHICLES

Designed for Rail Yards • Built to Order

Most yards end up buying multiple vehicles to handle different jobs – sand handling, maintenance, battery support, and even welding. We customize fully electric, multi-task yard trucks that combine those functions into a single platform. It can integrate a Sand Buddy system, serve as a maintenance-on-the-go truck, jump-start or charge locomotive batteries, and power a welding unit. For restroom servicing, we also offer a dedicated electric honey wagon built with separate waste and fresh-water tanks.

Everything is designed around your yard – terrain, duty cycle, and workflow, with 4×4 available for rough or rocky areas. Tell us what problems you're trying to solve, and we'll design the truck to match.

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- ✓ Heavy-Duty Yard Tires & Reinforced Suspension
- ✓ Rear Tow Hitch for Carts and Trailers
- ✓ Rearview / Reverse Camera
- ✓ Air Conditioning, Heating, and Defrosters
- ✓ USB & 120-VAC Device Charging Outlets
- ✓ Integrated Work Lighting for Night Operations

