



IoTtech Smart
PRODUCTS PVT. LTD.

RECHARGEABLE REMOTE AREA LIGHT SYSTEM (RRALS)

yantram

USE CASE

- * **Natural Disasters:** Enhance visibility for rescue operations.
- * **Military and Paramilitary Forces:** Support Forces in remote or hostile environments.
- * **Fire Services:** In case of fire emergency, night operations.
- * **Construction Sites:** Improve safety and productivity.
- * **Deep Mines:** Ensure safety for miners in dark conditions.
- * **Camping:** Illuminate campsites for nighttime activities.
- * **Power Outages:** Serve as a backup lighting source.

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SPECIFICATIONS



- 8 hrs. To 32 hrs. According to high, medium & low lumens modes.
- Bis-certified 48ah Lithium Iron Phosphate battery, (Lifepo4), 12.8v, 537-watt hour.
- 2000+ battery charging cycle. Charging support from truck and car on 12v.
- 2 LED lights of 72w (total 144w), total range from 3600 Lumens to 4800 Lumens With 360-degree maneuver.
- Total height including mast (made of aluminium alloy telescopic pole) 2 mtr.
- 20x4 blue LCD character display with easy night finder technology, current lumens, backup time, battery temperature, lamp connection & charging status.
- Socket for extra light connection.
- Battery overheat protection: auto shutdown at high temperature with audible warning.
- Overcharging protection & over-discharging protection.
- Short circuit protection.
- Water resistance, dust resistance, portable sac.
- Storage temperature 20° to 60° degrees for 1 to 2 months, Storage temperature 20° to 45° degrees for 2 to 4 months.
- Two years warranty on case and one year warranty on lighting, battery & other accessories.
- Mobile Bluetooth enabled.

Approximate Weight: 18 kg

Dimension (L*W*H) : 557 x 348 x 248 mm



TWO MODELS AVAILABLE

RRALS-G

Without App
and Bluetooth

RRALS-B

With App and
Bluetooth
Control.

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