Cap Lamps & Charger Racks

MineARC’s HyperION range features cap lamps and charging rack solutions of the highest quality, durability and performance.
HyperION Cap Lamps & Charger Racks

HyperION mining cap lamps and charging racks are MineARC’s mid-tier lighting range.

The HyperION range features superior cap lamps of a high quality, durability, and performance.

Compact, lightweight, yet powerful and super-efficient, each lamp within the HyperION range is designed to perform better and last longer.

This allows MineARC to provide 24 hour service and engineering support to our expanding list of clients in over 60 countries across the globe.

All MineARC Refuge Chambers and Safe Havens comply with the highest international regulations and recognized ‘world’s best practice’ industry guidelines. Our key focus on quality control and product advancement has meant that MineARC Refuge Chambers have successfully saved lives in multiple real-life industrial emergencies around the globe.

www.minearc.com
HyperION
Corded Cap Lamps

Compact, lightweight and powerful, the HyperION Corded Cap Lamps provide the ideal solution to underground mining applications.

Detailed with a distinctive green rim, each lamp delivers 5880cd, creating a brighter, crisper effect for a more natural light. The end result is a high definition field of vision for underground miners working in difficult conditions.

The HyperION range utilises LED lighting to ensure a long lasting lifespan.

HyperION Cap Lamps have an improved battery life compared to other cap lamps on the market, with a discharge time of around 16 hours on the corded model. The battery housing and the lamps are built securely, with every step taken to prevent water and dirt ingress capable of damage.

**SPECIFICATIONS**

- Compact Design
- Long Life Li-Ion Battery
- LED Main Lamp
- Easy Pushbutton Operation
- Anti-Static Durable Housing
- Low Maintenance
- Water Resistant (IP68)
- Electrical Short Circuit Protection
- Automatic Charger Shut Off
- No Memory Battery
- 2 Auxiliary LED’s
- Working Temp: -20 to 50°C
- Rated Capacity: 6.6Ah
- Rated Voltage: 3.8V
- Rated Current: 0.38A
- Luminous Intensity: 5880cd (high beam); 83cd (low beam)

The HyperION Corded Cap Lamps provide the ideal solution to underground mining applications, offering a long lasting lifespan thanks to LED lighting. HyperION Cap Lamps stand out with improved battery life compared to other models on the market, offering a discharge time of around 16 hours on the corded model. The lamps are not only water resistant (IP68), but also include features that ensure electrical short circuit protection and automatic charger shut off, while maintaining a low maintenance approach.

**SPARE PARTS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>CLS-HYP-CDD-001</td>
<td>Bezel Ring</td>
</tr>
<tr>
<td>CLS-HYP-CDD-002</td>
<td>Glass and Gasket</td>
</tr>
<tr>
<td>CLS-HYP-CDD-003</td>
<td>LED, Reflector and PCB</td>
</tr>
<tr>
<td>CLS-HYP-CDD-004</td>
<td>Housing and Ring</td>
</tr>
<tr>
<td>CLS-HYP-CDD-005</td>
<td>Steel Clip and Screws</td>
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<td>CLS-HYP-CDD-006</td>
<td>6.6Ah Li-Ion Battery Pack</td>
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<tr>
<td>CLS-HYP-CDD-007</td>
<td>Battery Case Complete c/w Cable 1.65m</td>
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HyperION Cordless Cap Lamps

The HyperION Cordless Cap Lamp is a more compact, lighter weight model, designed to match the power and durability of the corded range.

The lamp utilises an LED globe delivering 5500cd, creating a bright, crisp effect for a more natural light. The end result is a high definition field of vision for underground miners working in difficult working conditions.

- Compact Design
- Long Life Li-Ion Battery
- LED Main Lamp
- Easy Pushbutton Operation
- Low Battery Indication on Back-Lit Display Screen
- Anti-Static Durable Housing
- Low Maintenance
- Water Resistant (IP67)
- Electrical Short Circuit Protection
- Automatic Charger Shut Off
- Working Temp: -20 to 50°C
- Rated Capacity: 4.4Ah
- Rated Voltage: 3.7V
- Rated Current: 350 mA
- Rated Power L.E.D: 0.4W
- Illuminance: 5500cd
- Charging Time: <6 hours
- Charging Voltage: 4.2 V D.C

SPARE PARTS

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<th>Part Number</th>
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<tbody>
<tr>
<td>CLS-HYP-CLS-001</td>
<td>Front Lamp Housing</td>
</tr>
<tr>
<td>CLS-HYP-CLS-002</td>
<td>Light Cup</td>
</tr>
<tr>
<td>CLS-HYP-CLS-003</td>
<td>PCB Board</td>
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<tr>
<td>CLS-HYP-CLS-004</td>
<td>Battery Pack</td>
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<tr>
<td>CLS-HYP-CLS-005</td>
<td>Seal Ring</td>
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<tr>
<td>CLS-HYP-CLS-006</td>
<td>Back Case (incl screws)</td>
</tr>
<tr>
<td>CLS-HYP-CLS-007</td>
<td>Clip (incl screws)</td>
</tr>
<tr>
<td>CLS-HYP-CLS-008</td>
<td>USB Charging Cable</td>
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</table>
HyperION Charger Racks

MineARC Systems' HyperION Charger Racks have been designed specifically to complement our premium HyperION Cap Lamp range.

ADAPTABLE DESIGN
POWDER COATED STEEL STRUCTURE
PLUGS DIRECTLY INTO MAINS POWER
SINGLE RECHARGING ADAPTER FOR EACH LAMP
LIGHTWEIGHT, ROBUST FRAME
FREE STANDING UNIT WITH ADJUSTABLE FEET

Constructed from robust, hard-wearing powder coated steel, the HyperION Charger Rack’s unique design offers optimal flexibility; allowing you to order a rack specific to your needs (minimum of two rows required). Each row is equipped to house six HyperION Cap Lamps; a five section single-sided rack will charge 30 lamps.

The option of a double-sided rack is available, or alternatively, multiple racks can sit flush side-by-side for a larger charging station. MineARC works directly with its customers to develop the most effective configuration for each site’s specific requirements.

SPECIFICATIONS

- Designed for 3.7V Li-ion Cap Lamps
- C-Tick Approval Number: N25669
- Input Voltage: 110-250VAC 50/60Hz
- Charger Voltage: 4.2VDC
- Charger Current: 1.7A
- Input Power: 50 Watts per module, 10 modules maximum

The MineARC HyperION Racks are a complete charging station solution, providing reliable recharging through main (mine) power connection.
MineARC offers an extensive range of pre-defined single and double sided configurations, resulting in a tidy charging rack solution for any requirement. Multiple HyperION Racks can sit flush side-by-side, allowing further flexibility when choosing an option to fit your space.

**Single Sided Racks**
- CL-CRS-12: 2-row rack
- CL-CRS-18: 3-row rack
- CL-CRS-24: 4-row rack
- CL-CRS-30: 5-row rack

**Double Sided Racks**
- CL-CRD-24: 2-row rack
- CL-CRD-36: 3-row rack
- CL-CRD-48: 4-row rack
- CL-CRD-60: 5-row rack