



Cap Lamps & Charger Racks

MineARC's HyperION range features cap lamps and charging rack solutions of the highest quality, durability and performance.



hyperION



MineARC Systems - Built for Safety.

www.minearc.com



Company Profile

MineARC Systems is the global leader in the manufacture and supply of emergency safe refuge solutions for the mining, tunnelling, chemical processing and disaster relief industries.

With 20 years' experience, our dedication to ongoing research and development is driven by our key focus to continually offer the best and most advanced safety solutions on the market.

Our team of qualified engineers, electrical designers and technical experts form a global network across several international locations including;

- Perth, Western Australia
- Johannesburg, South Africa
- Dallas, Texas
- Santiago, Chile
- Beijing, China
- Barcelona, Spain
- Guanajuato, Mexico

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 recognised '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.

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Bureau Veritas ISO 9001:2008 Quality Management Systems



ISO 9001 Quality Rating



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.



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.



CL-HYP-CDD

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)

SPARE PARTS

Part Number	Description
CLS-HYP-CDD-001	Bezel Ring
CLS-HYP-CDD-002	Glass and Gasket
CLS-HYP-CDD-003	LED, Reflector and PCB
CLS-HYP-CDD-004	Housing and Ring
CLS-HYP-CDD-005	Steel Clip and Screws
CLS-HYP-CDD-006	6.6Ah Li-ION Battery Pack
CLS-HYP-CDD-007	Battery Case Complete c/w Cable 1.65m



HyperION Corded Cap Lamps



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.



CL-HYP-CLS

The HyperION Cordless Cap Lamp features a compact, low-fuss click-and-go design, and offers over 14 hours of constant use.

Unique to the cordless model is a back-lit display screen with battery life indication, providing clear warning when recharge is required.

SPECIFICATIONS

- 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

Part Number	Description
CLS-HYP-CLS-001	Front Lamp Housing
CLS-HYP-CLS-002	Light Cup
CLS-HYP-CLS-003	PCB Board
CLS-HYP-CLS-004	Battery Pack
CLS-HYP-CLS-005	Seal Ring
CLS-HYP-CLS-006	Back Case (incl screws)
CLS-HYP-CLS-007	Clip (incl screws)
CLS-HYP-CLS-008	USB Charging Cable



HyperION Cordless Cap Lamps



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



CL-CRS-30



HyperION Charger Racks



Convenient Cable Storage

Simple 'Turn & Click' Locking Mechanism

Battery Storage Saddle

Robust, Versatile Design

Powder Coated Panels for Anti-Corrosion

mineARC SYSTEMS | hyperion

The MineARC HyperION Racks are a complete charging station solution, providing reliable recharging through main (mine) power connection.

HyperION Charger Racks

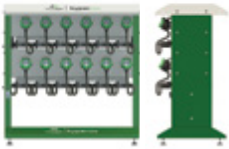
CONFIGURATIONS

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.

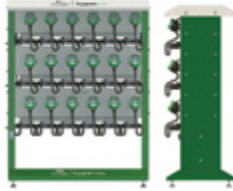


CL-CRS-30 x 2

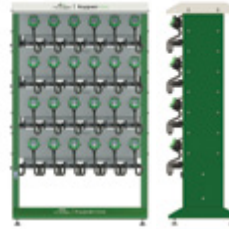
Single Sided Racks



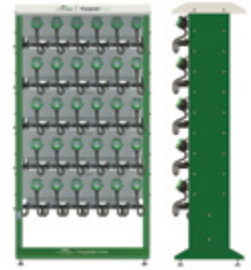
CL-CRS-12
2-row rack



CL-CRS-18
3-row rack

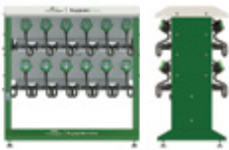


CL-CRS-24
4-row rack

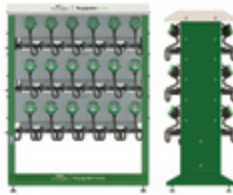


CL-CRS-30
5-row rack

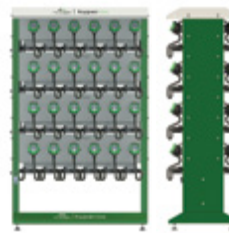
Double Sided Racks



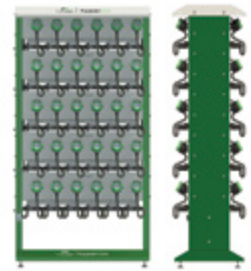
CL-CRD-24
2-row rack



CL-CRD-36
3-row rack



CL-CRD-48
4-row rack



CL-CRD-60
5-row rack



HyperION Charger Racks





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