

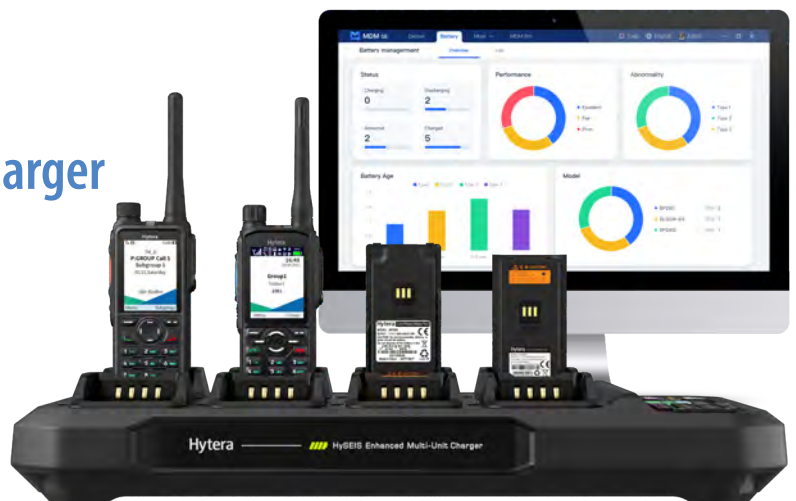


# MCA16

Enhanced Smart Multi-unit Charger

## HySEIS™ Energy

Get Everything About Your Battery



# HySEIS™ MCA16 Enhanced Smart Multi-unit Charger

MCA16 is an important part of HySEIS™ battery optimizing system developed by Hytera Energy Efficient Lab\*. It represents a huge leap forward in battery health visualization, battery-aging assessment and alarm, fast and safe charging. MCA16 leverages smart monitoring and diagnostics to provide all-around battery safety protection, boost battery performance and stability, and empower users to accomplish their tasks with greater safety and efficiency.

\* Hytera professional technical laboratory



## Basic Features



### Make Key Information in View

The MCA16 comes with a 2.8-inch semitransparent display and an intuitive interface, so that you can easily get and understand the battery information at a glance.

**2.8-inch**  
Display



### Refuel Your Battery Faster

The MCA16 supports 2 A fast charging, boosting the charging speed by more than 50%. Less time waiting, more time doing.

**↑50%**  
Charging  
Speed



### Manage Batteries in Batches

The MCA16 helps you manage up to eight batteries at the same time, improving work efficiency by 33%.

**↑33%**  
Work  
Efficiency

## Advanced Features\*



### Remind You of the Unexpected

The MCA16 can detect the abnormal battery such as end of service life and give you alarms. Based on this, you can make a quick and right decision on battery disposal.



### Manage Battery Data

The MCA16 can work together with the smart battery software MDM SE to give you a full picture of the battery details through the exported Excel or online.

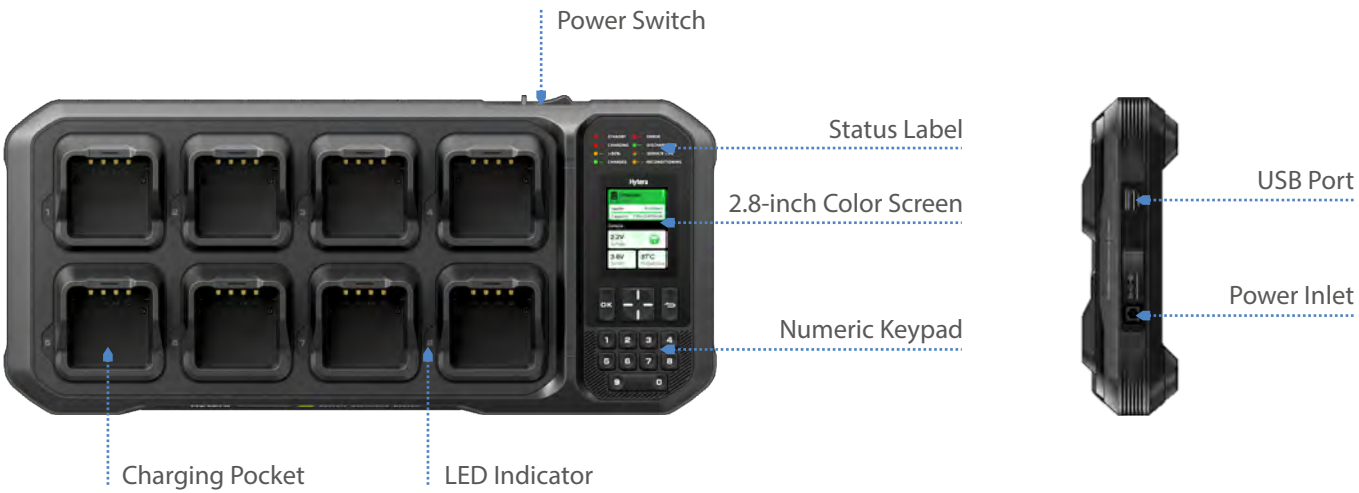


### See Your Battery Health Clearly

MCA16 can offer all-round monitoring of battery health and can display detailed battery status information.

\* Only smart batteries support the advanced features above.

# Product Layout and Specifications



| Specifications             |                                                                                 |
|----------------------------|---------------------------------------------------------------------------------|
| Model                      | MCA16                                                                           |
| Weight                     | 1.96kg                                                                          |
| Dimensions (H x W x D)     | 508mm*224.5mm* 84mm                                                             |
| Number of Charging Pockets | 8                                                                               |
| Display                    | 2.8-inch high-resolution color screen                                           |
| Operating Temperature      | 0°C~+45°C                                                                       |
| Storage Temperature        | -20°C~+60°C                                                                     |
| Power Adapter              | Model: PS15002<br>Input voltage: 100–240 V<br>Output voltage/current: 12 V/15 A |
| Certificate                | CE                                                                              |



## Compatible Radios & Batteries

| Battery Model | Description                                       | Compatible Radios |     |     |           |       |             |                   | Smart Battery | HySEIS™ |
|---------------|---------------------------------------------------|-------------------|-----|-----|-----------|-------|-------------|-------------------|---------------|---------|
|               |                                                   | HP7               | HP6 | HP5 | AP58X/BP5 | PT590 | PT580H Plus | PT580H Plus UL913 |               |         |
| BP2403        | 2400mAh Li-poly Battery                           | ●                 |     |     |           |       |             |                   | ×             |         |
| BP3003        | 3000mAh Smart Li-poly Battery                     | ●                 |     |     |           |       |             |                   | √             | ●       |
| BP2002        | 2000mAh Li-poly Battery                           |                   | ●   |     |           |       |             |                   | ×             |         |
| BP3002        | 3000mAh Smart Li-poly Battery                     |                   | ●   |     |           |       |             |                   | √             | ●       |
| BL1508        | 1500mAh Li-ion Battery                            |                   |     | ●   |           |       |             |                   | ×             |         |
| BP2409        | 2400mAh Smart Li-poly Battery                     |                   |     | ●   |           |       |             |                   | √             | ●       |
| BP3005        | 3000mAh Li-poly Battery                           |                   |     | ●   |           |       |             |                   | ×             |         |
| BL1507        | 1500mAh Li-ion Battery                            |                   |     |     | ●         |       |             |                   | ×             |         |
| BL2512        | 2400mAh Li-ion Battery                            |                   |     |     | ●         |       |             |                   | ×             |         |
| BP2003        | 2000mAh Smart Li-poly Battery                     |                   |     |     |           | ●     |             |                   | √             |         |
| BP3006        | 3000mAh Smart Li-poly Battery                     |                   |     |     |           | ●     |             |                   | √             | ●       |
| BL1806        | 1800mAh Li-ion Battery                            |                   |     |     |           |       | ●           |                   | ×             |         |
| BL2505        | 2500mAh Li-ion Battery                            |                   |     |     |           |       | ●           |                   | ×             |         |
| BL2412-Ex     | 2400mAh Intrinsically Safe Li-ion Battery (UL913) |                   |     |     |           |       |             | ●                 | ×             |         |

For updates, please visit [www.hytera.com](http://www.hytera.com)

\* HySEIS™ batteries have the HySEIS™ label on the outside.



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