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.
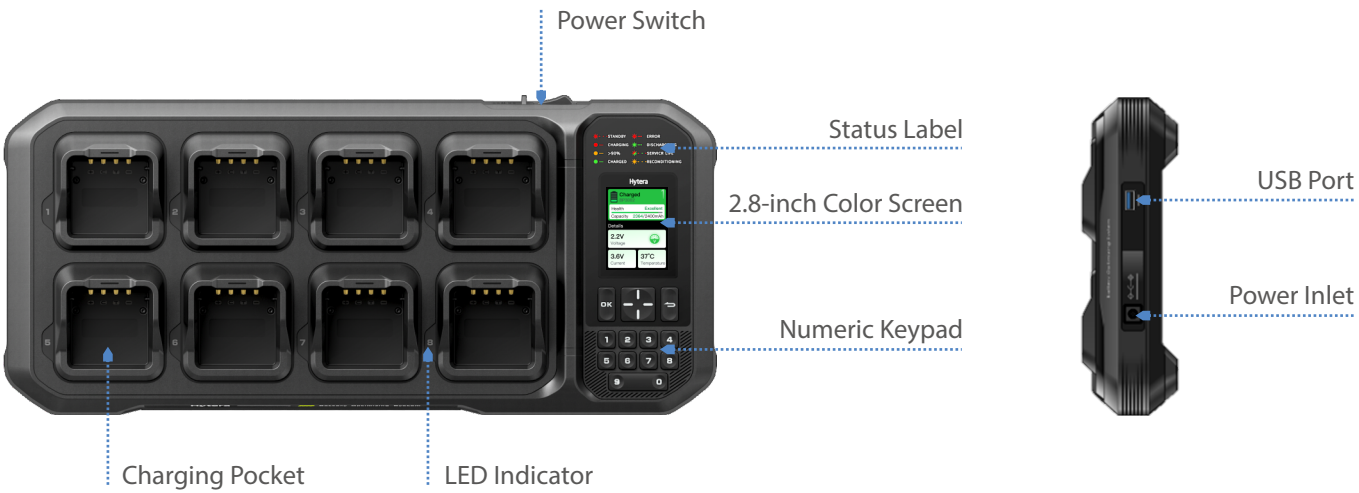
See Your Battery Health Clearly

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

Power Switch

Status Label

2.8-inch Color Screen

Numeric Keypad

USB Port

Power Inlet

Charging Pocket

LED Indicator

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℃~+45℃
Storage Temperature	-20℃~+60℃
Power Adapter	Model: PS15002 Input voltage: 100–240 V 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

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