Motio HyperBoost Pro 3000A 4w1 ™

Accessories

User manual

EN

User Manual for Motio HyperBoost Pro 3000A 4-in-1 ™

Model: 3MK-JS4W1PD65W | Jump Starter | Powerbank PD 65W | Compressor | LED Flashlight

The device 3MK-JS4W1PD65W is an advanced rescue tool that combines the function of starting internal combustion engines (petrol and diesel), a portable compressor with digital pressure setting, an efficient power bank with Power Delivery standard of 65W, and a service flashlight. To turn on the flashlight, press and hold the power button for about 2-3 seconds. Subsequent short presses will change modes (steady / Strobe / SOS).

1. Important Safety Rules

Charging: Only use chargers compliant with the USB-C standard. It is recommended to use a charger with at least 20W for optimal charging time.

Starting: Never attempt to start the vehicle if the battery level is below 25% (recommended minimum 50%).

Temperature: Do not store the device at temperatures above 60°C (e.g., on the dashboard of a car in hot weather).

Cooling: After 10 minutes of continuous operation of the compressor, the device should be turned off for 5 minutes to prevent the pump motor from overheating.

2. Device and Display Diagram

Ports: USB-C (Input/Output PD 65W), USB1 (QC 3.0), USB2 (5V/2.4A), EC5 port (under the flap).

LCD Screen:

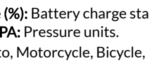
IN/OUT Icon: Indicates charging of the device or discharging of energy.

Number (W): Current charging/discharging power in Watts.

Percentage (%): Battery charge status.

PSI/BAR/KPA: Pressure units.

Modes: Auto, Motorcycle, Bicycle, Ball.



3.

A — LCD Screen
B — USB Output
C — Type-C Input
D — EC5 Port
E — Lanyard Clip
F — Power Button
G — Flashlight Button
H — Flashlight
I — "-" Button
J — "M" Button
K — "+" Button
L — LCD Screen
L/1 — Pressure Value
L/2 — Battery Level Indicator
L/3 — Pressure Units
M — Pumping Mode

4. Step-by-step Instructions:

4.1. Jump Starting

Insert the plug of the blue jump cable into the **EC5** port on the device. Ensure the plug is seated tightly.

Connect the **red clamp (+)** to the positive terminal of the battery.

Connect the **black clamp (-)** to the negative terminal of the battery or a metal part of the vehicle frame (ground).

Check the LEDs on the jump cables.

Start the engine (do not crank the starter for more than 3-5 seconds at a time).

Once the car starts, **first** disconnect the plug from the device, then remove the clamps from the battery.

Forced Start Function: If after correctly connecting the clamps a red signal appears on the cable screen (instead of the word READY), this may indicate that the battery voltage is too low for the device to detect it.

Operation: Press the "Forced Start" button (small button on the cable/plug housing) **three times in a row.**

When the message **READY** appears, you have 30 seconds to start the engine.

With this function, safety may be limited – double-check that the polarity (+ to +) is correct.

4.2. Compressor Operation (Pumping)

Connect the air hose to the tire. The device will turn on and display the current pressure.

Mode Setting: Hold the **M** button for 2 seconds to select the vehicle icon (e.g., car).

Unit Selection: Press **M** briefly to select BAR or PSI.

Target Setting: Using the "+" and "-" buttons, set the desired value (e.g., 2.2 BAR). The screen will flash during the setting.

Start: Briefly press the **Power** button. The device will turn off automatically after reaching the target.

Recommended Pressure Table (for reference):

Passenger Car: 2.2 - 2.5 BAR
Bicycle (MTB): 2.0 - 3.0 BAR
Bicycle (Road): 6.0 - 8.0 BAR
Basketball: 0.5 - 0.6 BAR

4.3. Powerbank PD 65W

With an output of **65W**, the 3MK-JS4W1PD65W can charge not only smartphones but also laptops (e.g., MacBook, Dell XPS) through the USB-C port.

Once the device is connected, the charging process will start automatically. The screen will show the power (W) at which your device is being charged.

5. Technical Data:

Model Name: 3mk Motio HyperBoost Pro 3000A 4-in-1 ™

Model Number: 3MK-JS4W1PD65W

Function/Technical Details:

Capacity / Type: Lithium-polymer

Type-C Input: PD 65W (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A)

Type-C Output: PD 65W (as above)

USB-A Output 1: Quick Charge 3.0 (5V/3A, 9V/2A, 12V/1.5A)

USB-A Output 2: 5V / 2.4A

Max. Pressure: 150 PSI / 10.3 BAR

Sensor Accuracy: ± 1.5 PSI

Flashlight Brightness: 320 Lumens

Regulation (EU) 2023/1542 regarding batteries

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Battery Category and Identifier (Art. 38(6)):
Portable battery for general use
Model: 3mk Motio HyperBoost Pro 3000A
(Cell model: 7243114)

Battery Cell Production Location:
230000 Hefei, China

Battery Production Date: 042026

Weight: Approx. 485 g (cell) / Approx. 1100-1300 g (complete device)

Capacity: 12,000 mAh / 44.4 Wh (4S Configuration: 14.8V 3000mAh or 3.7V 12000mAh)

Chemistry: Li-ion (lithium-cobalt oxide / graphite)

Hazardous Substances: None (compliant with battery directive limits)

Extinguishing Agent: Water, water mist, or Class D fire extinguisher

Critical Raw Materials (>0.1% m/m): Lithium, cobalt, natural graphite, copper, aluminium

6. Maintenance and Storage

Trickle Charging: Even if the device is not used, it should be charged to 100% **at least once every 3 months**. Deep discharging of lithium batteries and leaving them in that state for an extended period can lead to permanent cell damage (loss of capacity), which is not covered by warranty.

First Use: Before first use, charge the device fully.

Avoid Deep Discharge: It is not recommended to use the Jump Starter function when the charge level drops below 20%, unless it is an emergency situation. The optimal charge state for storage is 50-80%.

6.1. Storage Conditions

Temperature: The best temperature range for storage is from **+10°C to +25°C.**

Warning (Summer): Never leave the device in a closed car parked in full sunlight. The temperature inside can exceed 70°C, presenting a risk of battery swelling, and in extreme cases – fire.

Warning (Winter): Although the device operates in low temperatures, prolonged storage in frost reduces the chemical efficiency of the cells. Before using the jump start function in winter, it is advisable to "warm" the device in the passenger cabin for a few minutes.

6.2. Compressor and Accessories Maintenance

Air Hose: After each use, check that the hose is not twisted or worn. Avoid bending it at a sharp angle when storing it in the case.

Cleaning: The device casing and LCD screen should only be cleaned with a soft, dry microfiber cloth. Do not use solvents, gasoline, or strong detergents that may damage the ABS coating or dull the display.

Ports and Connectors: Occasionally check that the EC5 port (under the flap) or USB ports do not accumulate dust or metal shavings. Contaminants can be removed with compressed air.

6.3. Transport and Air Travel

Road Transport: When transporting in a car, ensure the device is secured to prevent movement. Hitting a hard element in the trunk can damage internal electronics.

Air Travel: The device contains a built-in high-capacity lithium battery. According to IATA regulations, it is generally prohibited to carry it in checked baggage. It may be allowed in carry-on luggage, but always check the current Wh (watt-hour) limits of the airline before traveling.

6.4. Technical Inspection (Periodic Review)

It is recommended to perform a visual inspection of the device every six months:

Check that the casing is not bulging (a symptom of battery swelling).

Check that the jump cables do not have cracked insulation.

Check that the clamps are not corroded and that the springs are functioning with the proper resistance.

REMEMBER: Ignoring the above recommendations may reduce the device's working time by more than half or cause permanent damage, which will show during service diagnostics as user error.

7. Compliance with Regulations and Disposal (WEEE & Bateries)

7.1. EU Declaration of Conformity

The product meets the essential requirements contained in the directives and regulations of the European Union, confirmed by appropriate tests and certifications:

Safety (LVD): Compliant with standard **EN IEC 62368-1:2024/A11:2024** for safety of audio/video equipment and information technology.

Electromagnetic Compatibility (EMC): Compliant with standards **EN 55032:2015/A11:2020** and **EN 55035:2017/A11:2020,** ensuring no interference with the operation of other electronic devices.

Restriction of Hazardous Substances (RoHS): The product is free from hazardous substances in accordance with the series of IEC 62321 standards (parts 1-8).

Environmental and Health Protection: The product meets the requirements of **REACH** and **POPs** regulations regarding the control of chemical substances and persistent organic pollutants.

7.2. Battery and Accumulator Management

In accordance with Regulation (EU) 2023/1542 on batteries and spent batteries:

The device is equipped with lithium-polymer cells that have undergone safety testing according to standard **EN 62133-2:2017/A1:2021.**

The product is certified according to the transport standard **UN 38.3.**

WARNING: Lithium batteries are hazardous waste. It is prohibited to dispose of the device in regular municipal waste containers. Used cells must be taken to a specialized collection point.

7.3. Information about Waste Electrical and Electronic Equipment (WEEE)

The symbol of a crossed-out wheelie bin on the product or its packaging indicates that this product cannot be treated as municipal waste.

According to Directive **2012/19/EU**, the user is obliged to return the used equipment to the designated collection point for proper recycling.

Proper disposal helps avoid negative impacts on the environment and human health due to the presence of hazardous components in the equipment.

For detailed information about the nearest collection point, please contact local authorities or the equipment seller.

Warranty

Improper use or misplacement of this product by users may result in shortened lifespan or damage, and any resulting damage is not covered by warranty or liability of the manufacturer. The warranty covers manufacturing defects and material faults. The manufacturer's warranty is 24 months.

Designed in Poland by:

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