v.1.0

My SmartBike Active Charger

Quick Guide

MAHLE

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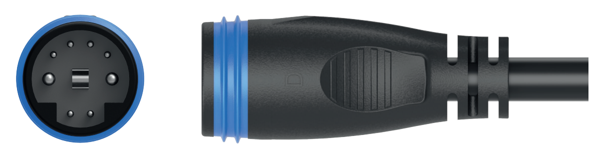

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4 Updating instructions / Updating instructions / Updating instructions / Updating instructions / Updating instructions / Updating instructions

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WARNING. Use only with compatible batteries designed to be used with this My SmartBike Active Charger

Before charging.
1. Connect the charger directly to a power source. Never use extension cords.
2. Avoid reverse charging.
3. Do not use for non-rechargeable batteries, as they can overheat and break.
4. The Active charger is not intended to charge automobile batteries.
5. Inspect the charger before every use for possible damage to the charger itself, the wire or the charging plug. Do not cover the charger while charging.
6. Regularly inspect the battery. Never charge a battery which you suspect is damaged or know is broken.
7. Make sure the charging socket and plug have no humidity before connecting and charging the battery.
8. If the eBike or battery are very cold, wait for them to warm before start charging.
9. Keep clean the connector. If any connection has been damaged, please do not use it.

Important
1.The charger is designed for indoor use only. Do not expose it to rain or snow.
2.Misuse other types of batteries may burst causing personal injury and damage.
3.Do not incinerate, disassemble or short circuit batteries.
4.If the performance of the batteries decreases substantially, it is time to replace the batteries.
5.Store the charger in a cool and dry place when not in use.
6.Disconnect the supply before making or breaking the connections to battery.
WARNING. Explosive gases. Prevent flames and sparks. Provide adequate ventilation during charging.
7.During charging, the battery must be placed in a well-ventilated area.
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- According to the European Guideline 2012/19/EU, electrical devices/tools that are no longer usable must be collected separately and disposed of in environmentally correct manner. This product must be disposed at an authorized place for recycling of electrical and electronic componets.
- By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environment friendly and healthy way.
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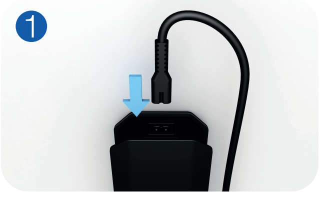

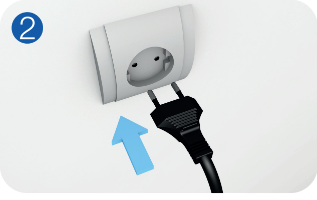

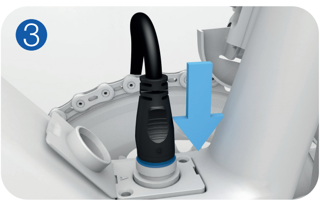

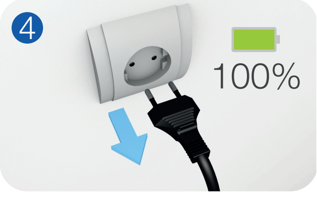

EN
1. Connect the AC wire to charger.
2. Connect the charger to power.
3. Connect charger to the charging port on the eBike.
4. Once charged is completed, disconnect from power source before disconnecting from the eBike.

CAUTION. When battery fully charged, disconnect from charger before 8 hours.
CAUTION. Use only adapters to other types of sockets if the National Electric Supply (AC) is compatible with Active charger voltage.

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CAUTION. Use only adapters to other types of sockets if the National Electric Supply (AC) is compatible with Active charger voltage.

DE
1. Connect the AC wire to charger.
2. Connect the charger to power.
3. Connect charger to the charging port on the eBike.
4. Once charged is completed, disconnect from power source before disconnecting from the eBike.

CAUTION. When battery fully charged, disconnect from charger before 8 hours.
CAUTION. Use only adapters to other types of sockets if the National

FR
1. Connect the AC wire to charger.
2. Connect the charger to power.
3. Connect charger to the charging port on the eBike.
4. Once charged is completed, disconnect from power source before disconnecting from the eBike.

CAUTION. When battery fully charged, disconnect from charger before 8 hours.
CAUTION. Use only adapters to other types of sockets if the National Electric Supply (AC) is compatible with Active charger voltage.

IT
1. Connect the AC wire to charger.
2. Connect the charger to power.
3. Connect charger to the charging port on the eBike.
4. Once charged is completed, disconnect from power source before disconnecting from the eBike.

CAUTION. When battery fully charged, disconnect from charger before 8 hours.
CAUTION. Use only adapters to other types of sockets if the National Electric Supply (AC) is compatible with Active charger voltage.Electric Supply (AC) is compatible with Active charger voltage.

PT
1. Connect the AC wire to charger.
2. Connect the charger to power.
3. Connect charger to the charging port on the eBike.
4. Once charged is completed, disconnect from power source before disconnecting from the eBike.

CAUTION. When battery fully charged, disconnect from charger before 8 hours.
CAUTION. Use only adapters to other types of sockets if the National Electric Supply (AC) is compatible with Active charger voltage.

NL
1. Connect the AC wire to charger.
2. Connect the charger to power.
3. Connect charger to the charging port on the eBike.
4. Once charged is completed, disconnect from power source before disconnecting from the eBike.

CAUTION. When battery fully charged, disconnect from charger before 8 hours.
CAUTION. Use only adapters to other types of sockets if the National Electric Supply (AC) is compatible with Active charger voltage.Electric

KR
1. Connect the AC wire to charger.
2. Connect the charger to power.
3. Connect charger to the charging port on the eBike.
4. Once charged is completed, disconnect from power source before disconnecting from the eBike.

CAUTION. When battery fully charged, disconnect from charger before 8 hours.
CAUTION. Use only adapters to other types of sockets if the National Electric Supply (AC) is compatible with Active charger voltage.

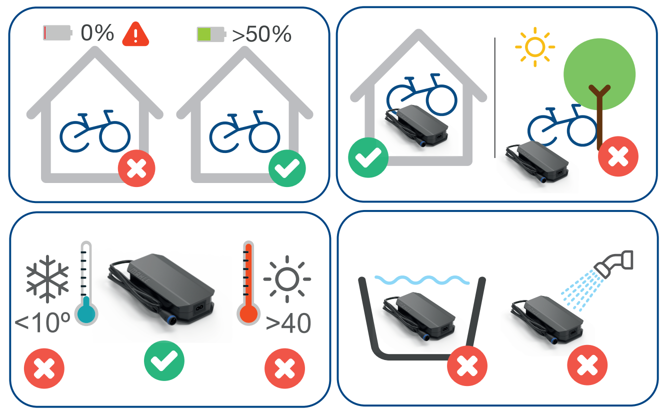
6 Specifications / Specifications / Specifications / Specifications / Specifications / Specifications / Specifications / Specifications

MODEL: My SmartBike Active Charger

Nominal voltage AC: **90-246 , 50-60 Hz**
Nominal voltage CA: **42 v - 2.1 A / 4 A**
Voltage and charging voltage CC: **42v 2.1A / 4A**
Ambient temperature: **90 °C / -15 °C**

Dimensions: **187 x 90 x 44.4 mm (Length x Width x Height)**
Ingress protection: **IP54**
Weight: **689 grs**

7 Recommendations for use / Recommendations for use / Recommendations for use / Recommendations for use / Recommendations for use / Recommendations for use / Recommendations for use / Recommendations for use



EN
- Keep battery charged around 50% (between 40%-70%) when long term storage.
- Use only indoors.
- Work temperatures between 10 °C and 40 °C
- Do not submerge or expose to water.

FR
- Keep battery charged around 50% (between 40%-70%) when long term storage.
- Use only indoors.
- Work temperatures between 10 °C and 40 °C
- Do not submerge or expose to water.

NL
- Keep battery charged around 50% (between 40%-70%) when long term storage.
- Use only indoors.
- Work temperatures between 10 °C and 40 °C
- Do not submerge or expose to water.

ES
- Keep battery charged around 50% (between 40%-70%) when long term storage.
- Use only indoors.
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IT
- Keep battery charged around 50% (between 40%-70%) when long term storage.
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- Keep battery charged around 50% (between 40%-70%) when long term storage.
- Use only indoors.
- Work temperatures between 10 °C and 40 °C
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8 Light signals / Light signals / Light signals / Light signals / Light signals / Light signals / Light signals / Light signals

○ **White light**
Steady light

EN Standby
ES Standby
DE Standby
FR Standby
IT Standby
PT Standby
NL Standby
KR Standby

● **Green light**
Steady light

EN Charge completed
ES Charge completed
DE Charge completed
FR Charge completed
IT Charge completed
PT Charge completed
NL Charge completed
KR Charge completed

● **Blue light**
Steady light

EN Connected to USB & ready.
ES Connected to USB & ready.
DE Connected to USB & ready.
FR Connected to USB & ready.
IT Connected to USB & ready.
PT Connected to USB & ready.
NL Connected to USB & ready.
KR Connected to USB & ready.

● **Red light**
Steady light

EN Connected to USB without power
ES Connected to USB without power
DE Connected to USB without power
FR Connected to USB without power
IT Connected to USB without power
PT Connected to USB without power
NL Connected to USB without power
KR Connected to USB without power

Blue light
Breathing effect

EN Charging
ES Charging
DE Charging
FR Charging
IT Charging
PT Charging
NL Charging
KR Charging

Red light
Constant blinking

EN Error
ES Error
DE Error
FR Error
IT Error
PT Error
NL Error
KR Error

Purple light
Constant blinking

EN Updating
ES Updating
DE Updating
FR Updating
IT Updating
PT Updating
NL Updating
KR Updating

→ ● **Purple to green light**

EN Updating complete
ES Updating complete
DE Updating complete
FR Updating complete
IT Updating complete
PT Updating complete
NL Updating complete
KR Updating complete

→ **Purple to red light**

EN Updating error
ES Updating error
DE Updating error
FR Updating error
IT Updating error
PT Updating error
NL Updating error
KR Updating error

9 Trouble shooting / Trouble shooting / Trouble shooting / Trouble shooting / Trouble shooting / Trouble shooting / Trouble shooting / Trouble shooting

EN

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
Blinking red	Charger error	Connect to your eBike through My SmartBike App to know the error and its solution.
Blinking white when connected to eBike	Communication error between charger and eBike	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady white when connected to eBike	Charger error	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

DE

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
Blinking red	Charger error	Connect to your eBike through My SmartBike App to know the error and its solution.
Blinking white when connected to eBike	Communication error between charger and eBike	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady white when connected to eBike	Charger error	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

IT

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
Blinking red	Charger error	Connect to your eBike through My SmartBike App to know the error and its solution.
Blinking white when connected to eBike	Communication error between charger and eBike	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady white when connected to eBike	Charger error	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

NL

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
Blinking red	Charger error	Connect to your eBike through My SmartBike App to know the error and its solution.
Blinking white when connected to eBike	Communication error between charger and eBike	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady white when connected to eBike	Charger error	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

ES

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
Blinking red	Charger error	Connect to your eBike through My SmartBike App to know the error and its solution.
Blinking white when connected to eBike	Communication error between charger and eBike	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady white when connected to eBike	Charger error	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

FR

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
Blinking red	Charger error	Connect to your eBike through My SmartBike App to know the error and its solution.
Blinking white when connected to eBike	Communication error between charger and eBike	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady white when connected to eBike	Charger error	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

PT

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
Blinking red	Charger error	Connect to your eBike through My SmartBike App to know the error and its solution.
Blinking white when connected to eBike	Communication error between charger and eBike	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady white when connected to eBike	Charger error	Check the connection between charger and eBike. Check the status of all connectors and make sure there is no damage or humidity.
Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

KR

Warning Light	Cause	Solution
No light	Charger power error	Check that charger, its wire and the socket from the installation are in good condition. Make sure your power supply is working and its tension is compatible with the working values of charger.
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Steady red when connected through micro-USB	Micro-USB is not active	Check that charger is connected to an active computer. If not, disconnect the wire from the micro-USB.

10 Legal advice / Legal advice / Legal advice / Legal advice / Legal advice / Legal advice / Legal advice / Legal advice

EN Hereby, MAHLE Smartbike Systems S.L.U. declares that the My SmartBike Active Charger complies directive 2014/35/EU (LVD) and the Harmonized Standard of reference, including all its reference standards mentioned therein and applicable to this product: EN 15194:2017.
This document is written in English language and the content of which shall prevail in the event of any translation error or misunderstanding in its interpretation by the client.

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