

AUTEL

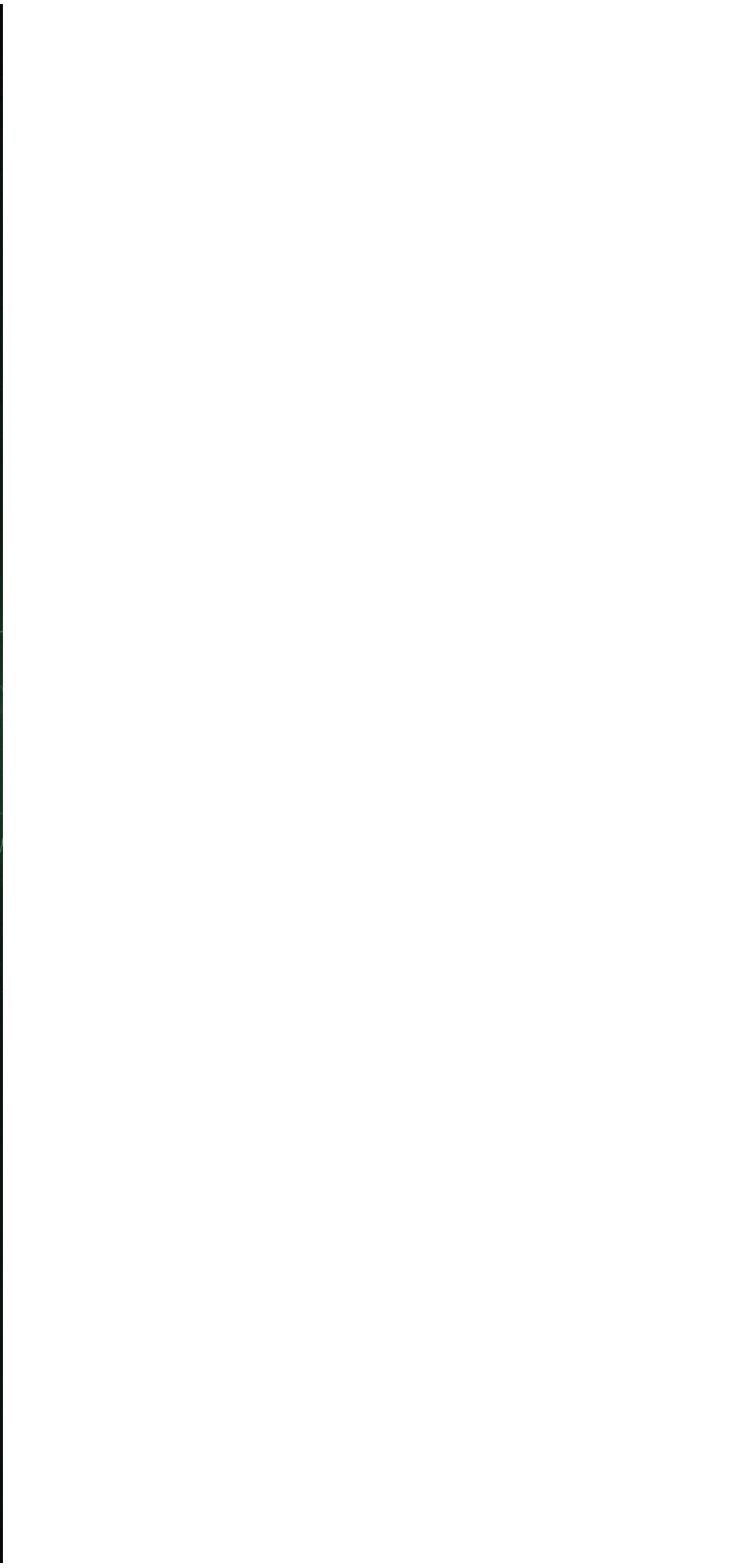
Green Energy Powers the Future

The
**FUTURE
IS HERE**

MAXICHARGER
AC WALLBOX

CATALOGUE 2021





WHY CHOOSING MAXICHARGER AC WALLBOX? KEY FEATURES

Constant technological progress in sustainable mobility is rapidly expanding across Europe. One of the leading challenges these days is to guarantee more and more widespread charging points for electrical vehicles.

This is the main reason that pushed Autel to launch its own personal line of wallboxes, innovative devices that support quick and safe charging for EVs.

Discover one of our models for domestic and commercial environments: the **Maxicharger AC Wallbox**.

Extremely SAFE

World First Triple Protection Technology

- Charger basic protection + Cloud battery monitoring + VCI triple protection.
- Real-time data analysis, multiple safety pre-warnings, ensuring the charging environment is safe.
- Health charging mode to prevent overcharging and to increase battery safety.
- EV battery real-time status monitoring, to prevent thermal runaway.

Extremely RELIABLE

IP65 Protection, for extreme environments

- IP65 protection from dust, oil, and water. Perfect fit for outdoor usage.
- Excellent design of cooling system, extremely low failure rate.
- Full operation from -40°C to 55°C at full load.

Extremely CONVENIENT

Modular design, easy maintenance and installation

- Installation within 8 minutes without opening the back panel.
- Firmware update through our MaxiCharge software.

Extremely SMART

Dynamic load balancing technique

- Chargers could realize load balancing with Autel cloud.
- EV, together with SMART energy meter, could get dynamic load balancing.
- Data analysis based on Autel cloud enhances the life cycle of the EV battery.



MAXICHARGER AC WALLBOX

TECHNICAL SPECIFICATIONS

Our devices dedicated to recharging electric vehicles are designed to offer a safe and smart product, compatible with all electric vehicles currently on the market. **Designed for indoor and outdoor** environments, **they include all the security and connectivity features** required by today's market.

ELECTRICAL SPECIFICATIONS	
Charging type	Mode 3, type 2
Charging power	22kW/11kW/7kW
Rated current	32A-16A
Rated frequency	50Hz
Input/output voltage	400V±15%, 3P+N+PE/230V±15%, 1P+N+PE
Network type	TT,TN
RCBO	External type A RCBO required
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC residual current protection, integrated surge protection
GENERAL CHARACTERISTICS	
Cable length	5m
IP and IK rating	IP65; IK08
Operating altitude	2000m
Operating temperature range	-40°C ~ 55°C
Storage temperature range	-40°C ~+ 85°C
Mounting	Wall or floor using a pedestal
Dimensions (H×W×D)	336×187×85mm
USER INTERFACE	
Status indication	LED / APP
User interface	MaxiCharge APP; MaxiCharge Service Software; Web port
Connectivity	4G, Bluetooth, WiFi, Ethernet
Comminications protocols	OCPP 1.6
User authentication	APP, RFID card, QR code
SOFTWARE UPDATE	
Software update	App or web portal
CERTIFICATION & STANDARD	
Safety standards	EN/IEC 61851-1, EN/IEC 62196-2, EN/IEC 62955
Certification	CE, TUV
Warranty	36 months



RECHARGE YOUR VEHICLE AT THE **HIGHEST SPEED**

Thanks to the new **MaxiCharger AC Wallbox**, recharging your electric vehicle will be simpler, safer and more efficient than charging it with a normal domestic socket.

Our charging station is perfect for both indoor and outdoor environment.

TWO VERSIONS AVAILABLE:

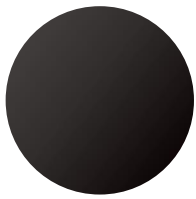
DOMESTIC VERSION: 7 Kw single phase

COMMERCIAL VERSION: 11/22 Kw three phase

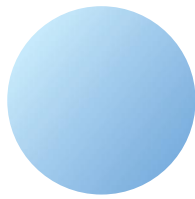
PERFECT BLEND BETWEEN **TECHNOLOGY** AND **DESIGN** CHOOSE YOUR MAXICHARGER

The new **MaxiCharger AC Wallboxes** by Autel are the perfect match of design and innovation and represent a great example of pure technology. Available in different colors, they suit all environments. We have created a concept that is excellent both for domestic and commercial use.

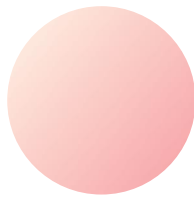
MaxiCharger AC Wallbox integrates perfectly with the environment thanks to the choice of five elegant and stylish colors.



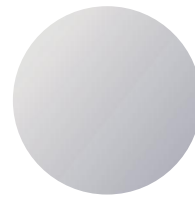
Carbon black



Sky blue



Golden rose



Nimbus cloud



Pure white



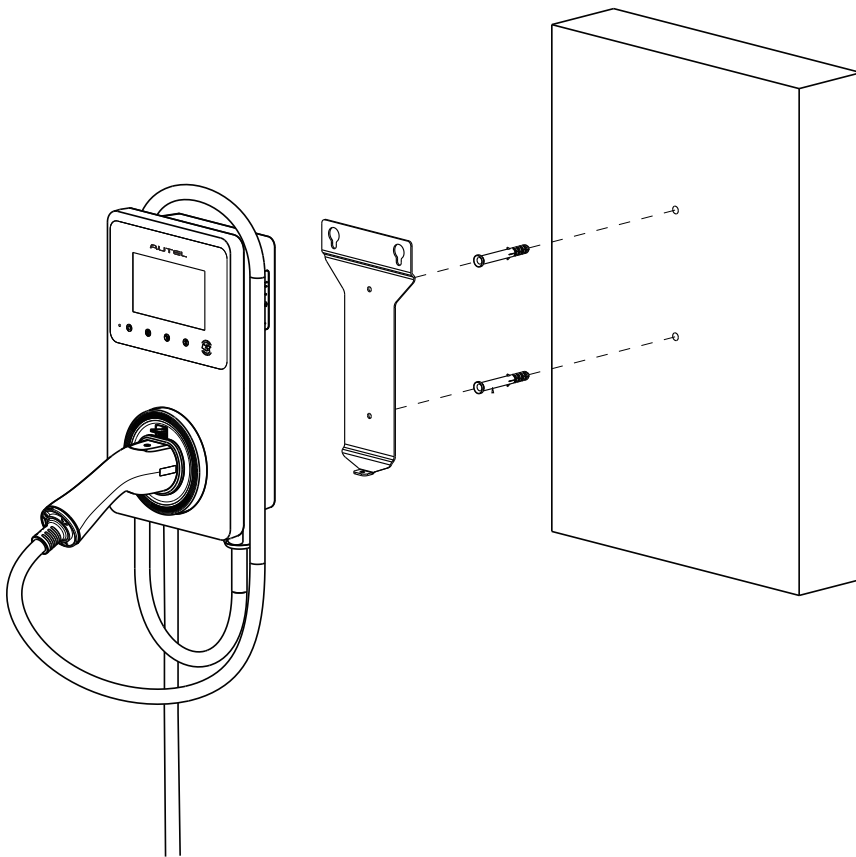
EASY TO INSTALL ON ANY SUPPORT

Installing our **MaxiCharger Ac Wallbox** is quick and easy. You just need a flat surface that is able to hold the weight of the wallbox. Solutions such as walls, pedestals or metal supports are perfect for a correct installation of the product.

The EV device **weighs around 6 kg**, cables and connectors included.

To install our MaxiCharger correctly, it is important to fix it in a position that allows the charging cable to remain within its tolerance curve, **at a recommended height between 700mm and 1500mm from the ground.**

If possible, an installation in a place not exposed to direct light or any external atmospheric damage is suggested.



Thanks to a wall mount bracket, you can easily install your **MaxiCharger AC Wallbox**. You just have to install it on a vertical support, such as a house wall and then your EV charging station is ready.

For more information on diameters and screws, refer to the user manual supplied with the product.



COMPLETE CONTROL WITH **MAXICHARGE APP** FOR ANDROID AND IOS

Managing your Autel MaxiCharger AC Wallbox will be child's play thanks to our **Autel MaxiCharge app**.

You will be able to constantly monitor your **MaxiCharger AC Wallbox**, checking the charge status of the vehicle and programming many functions, directly from your smartphone.

Download it from the **Google Play Store** or from the **Apple App Store**.

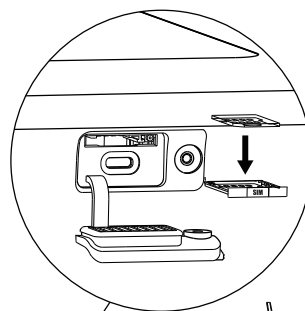


MAXICHARGER IS ALWAYS **CONNECTED**

Stay connected and monitor the functions of your **MaxiCharger AC Wallbox**. You can choose between two types of connectivity. The first one: you can insert the **SIM card** of your favorite telephone service through a convenient side slot*

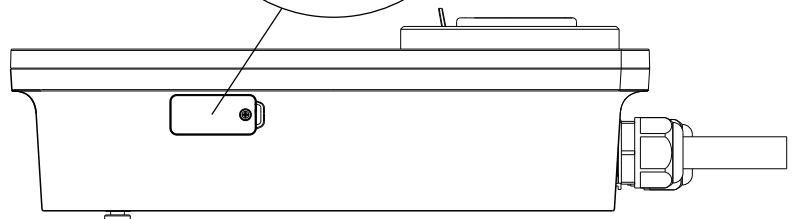
The second one: you can connect the device directly to your domestic or commercial line, through a **Ethernet RJ45** port.

Two features to **make the most of** the full potential of MaxiCharger Ac Wallbox.



*SIM card slot on the side of the Ev Charger module. Requires a pay-as-you-go line with your operator.

Not supplied with the product.



The images are for illustrative purposes only, the final version of the application may vary depending on the given examples.



UPDATING THE MAXICHARGER WILL BE **SIMPLE** AND **FAST**

Thanks to the network connection, the new **Maxicharger AC Wallbox** will be able to receive all future updates that Autel will make available, such as new features and firmware updates.

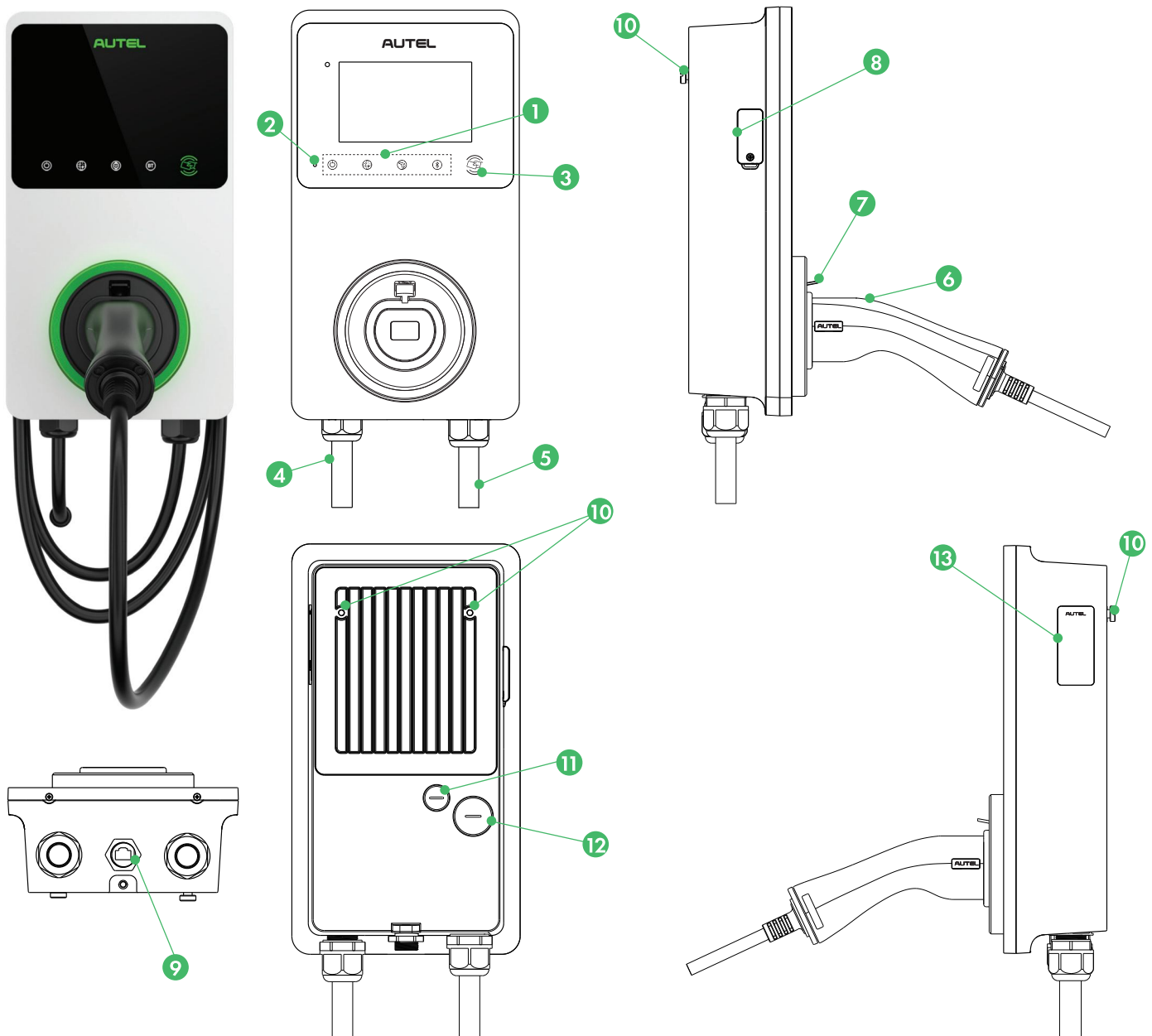
Don't forget that **Maxicharger is compatible with all electric vehicles and covers most of the charging standards.**

SIMPLE AND USER-FRIENDLY DISCOVER ALL THE FUNCTIONS















Autel MaxiCharger AC Wallbox has been designed to be user-friendly and smart. We have created a smart and innovative product that is compatible **with the most modern communication technologies**. With its minimal and refined design you can keep an eye on its operation, thanks to its LEDs that are activated according to the different functions

FUNCTIONS DESCRIPTION

1. LED Indicators
2. Energy Pulsing LED (Red)
3. RFID reader
4. AC Input Cable
5. EV Charger Cable
6. Charging Handle
7. Charging Handle Button / Push to unplug
8. SIM Card Cover
9. RJ45 Ethernet Connection socket
10. Mounting Screws
11. Rear Entry Signal Conduit Plug
12. Rear Entry Power Conduit Plug
13. Product Label



LEDS TO CHECK THE STATUS OF YOUR MAXICHARGER AC WALLBOX

LED		DESCRIPTION
POWER		Solid white light: the MaxiCharger is ON
		Lights off: the Maxicharger is OFF
INTERNET CONNECTION		Solid white light: the Maxicharger is connected to Internet via Wi-Fi, LAN or 4g Network
		Lights off: the Maxicharger is not connected to the internet
CABLE CONNECTION		Solid white light: an electric vehicle is connected
		Flashes white: an electric vehicle is charging
		Solid green light: an electric vehicle is connected
		Lights off: no electric vehicle connected
		Lights solid orange: an error occurs
BLUETOOTH CONNECTION		Flashes white: the MaxiCharger is connected to a mobile device via Bluetooth
		Flashes white (slowly): the MaxiCharger is connected to VCI via Bluetooth
		Solid white light: the MaxiCharger is connected to a mobile device and VCI simultaneously via Bluetooth
		Lights off: the Maxicharger is not connected via Bluetooth
ENERGY PULSING (RED)		Automatically turns on/off depending on the meter constant and the real energy output



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