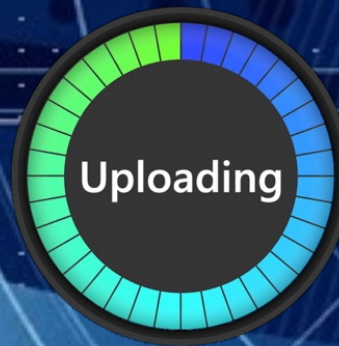


Confidential

AU·EDGE

H.K. Trade shows 2025 Car Accessories

2024



2025

Created : October 25, 2025
Last Update : December 27, 2025

Create by **AU·EDGE** Andy Unno

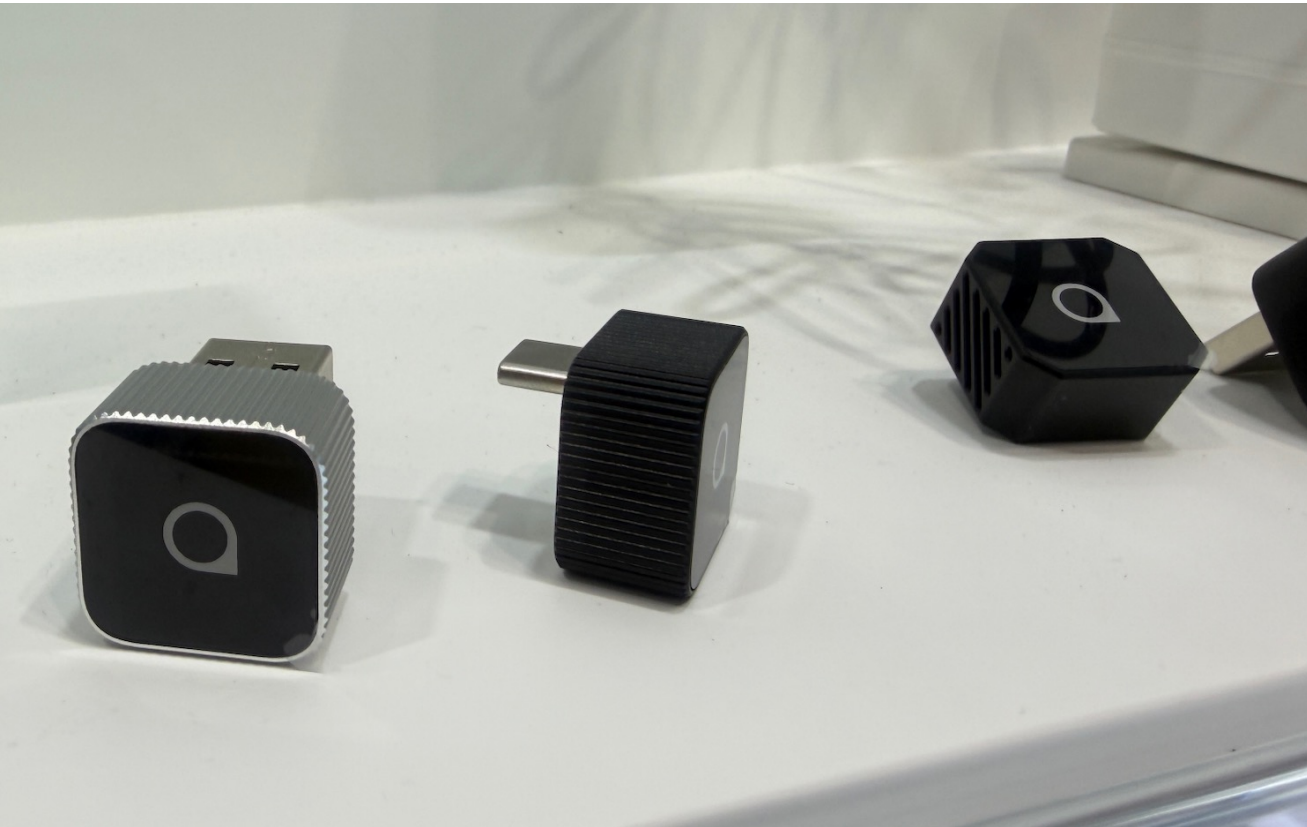


1

CarPlay, Android Auto Module

Car Play & Android Auto

Wired to Wireless CarPlay, Android Auto Module



Optional USB or TYPE-C interface
a wider range of applications



Various CarPlay, Android Auto Module



Car Play & Android Auto

Baby Camera



Car Play & Android Auto

Baby Camera



Wireless CarPlay



Rear Seat Monitor



Infrared Night Vision

150°

Adjustable 150°
Wide View



Flexible Installation



FOTA Upgrade

Car Play & Android Auto

Baby Camera

REAR MONITORING & WIRELESS CARPLAY DUAL FUNCTION



Focused & Reassured SAFER DRIVE



Car Play & Android Auto

Baby Camera



STRAP/CLIP INSTALLATION TWO WAYS TO MOUNT

01



Clip it onto the metal rods

02



Strap it on the headrest

03



Plug and play

- Secure the monitor with a cross strap on the headrest or clip it onto the metal rods using the included tools for quick and easy setup.

Car Play & Android Auto

Wireless Car Play, Android Auto Adapter with Display

The Wireless CarPlay and Android Auto Adapter, previously a hidden gem, is now a unique product featuring a built-in circular display. It shows the time, music album artwork, and allows you to display your favorite photos via a dedicated app.

従来Hide-away Boxで影の便利Toolだった、Wireless Car Play, Android Auto Adapter。本製品は円形Display搭載で時計、Music Album Artwork及び、専用App経由で好みの写真表示も可能なユニークな製品。

Supplier's Brand
Version

OEM Version

Car Play & Android Auto

Wireless Car Play, Android Auto Adapter with Display

A revolutionary Wireless CarPlay and Android Auto adapter featuring a round display.

Round-Displayによる表示機能を搭載した新発想のWireless Car Play, Android Auto Adapter



1.6" Multi Functional Screen

Personalized Car Photo Frames



Music Album Cover Display



Digital Car Vent Clock



Car Play & Android Auto

Wireless Car Play, Android Auto Adapter with Display



Comparison	This Model	Others
1.6" Screen	✓ Yes	No
360 Vent Clip Diffuser	✓ Yes	No
No Latency Wireless CarPlay	✓ Yes	No
Stable Connection	✓ Yes	No
Ease of use	✓ Yes	No

Specifications

Wireless CarPlay Adapter	✓ Yes
Operation System	Linux
Processor	Deal-Core 1.0 GHz ARM Cortex A7
Memory	64MB RAM + 16MB ROM
Wi-Fi	✓ Yes (5GHz)
Bluetooth	Version 5.2
Display Size	Circle-Round 1.6 inch
Display Mode	3 Modes (Clock / Album Artwork / Photo)
App Connectivity	✓ Yes (Specific App – Clip Play)
Connector	USB Type-C
Power Input	DC 5V (through USB)
Built in Air Freshener	✓ Yes (Refillable)
Product Dimension (mm)	62 x 57 x 28 mm
Product Weight (g)	45g

Car Play & Android Auto

Wireless CarPlay with Information Display



Car Play & Android Auto

Wireless Car Play, Android Auto Adapter with Display



Car Play & Android Auto

Wireless Car Play, Android Auto Adapter with Display



Specifications	
Wired to Wireless	Yes
Compatibility	CarPlay, Android Auto
Display	Round-Type with Touch Screen
Android OS	Version 14.0
CPU	Qualcomm, QCM6125
	8-core Cortex-A73, 2.0GHz
	RAM+ROM: 4+64G
Bluetooth	Bluetooth: BLE5.0+ BT 5.0;
Link with App	Specific App (iOS & Android)
App Capability for	Built-in YouTube, Netflix, Maps
WiFi	802.11a /b/g/n/ac (2.4Ghz+5Ghz)
Operating voltage: DC 5V	DC5V
SD Card Capability	Yes (Up to 128GB)
SIM	Internet Access
Network	4G Version for EU & Asia

Car Play & Android Auto

Wireless Car Play, Android Auto Adapter with Display



2

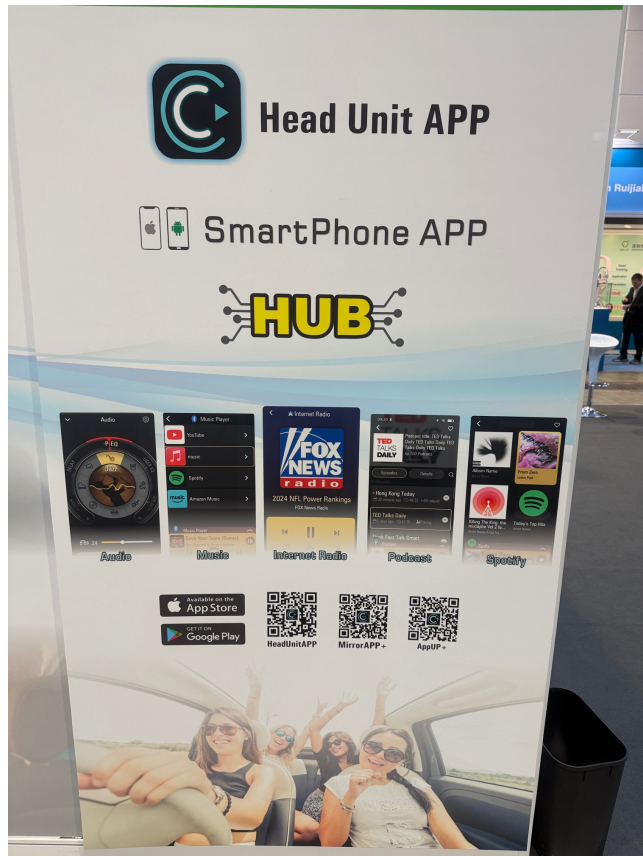
HUB App

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

HUB App

HUB App for Head Unit



GX-4900



3

Head-up Display

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

Head-up Display

Head-up Display



Head-up Display

Head-up Display



Specifications	
Display Size	4.58 inch
Display Resolution	320 x 960
Bluetooth Version	Version 5.0
Power Input	5 – 30V
Power Input Port	USB Type-C
Size	135 x 122 x 57 mm



Head-up Display

Head-up Display



Specifications	
Display Size	5.5 inch
Display Resolution	480 x 960
Bluetooth Version	Version 5.0
Power Input	5 – 30V
Power Input Port	USB Type-C
Size	147 x 104 x 24.6 mm



4

Information Display

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

English

Japanese

Confidential

Car Accessories

Dial Fragrance

An information display that can show various information via Bluetooth connection with a dedicated smartphone app, and also features a built-in air freshener.
専用Smartphone AppとのBluetooth接続で様々な表示が可能なInformation Displayで、芳香剤も内蔵



AU·EDGE

Radiation Cooling Fabric Tech

Dial Fragrance (Information Display)



Specifications	
Built-in Air Freshener	✓
Built-in Bluetooth	✓
Circle Touch-Screen	✓
Favorite Photo Display	✓
Real-time Weather Information	✓
Link with Specific App (iOS, Android)	✓
Input Voltage	DC 5V
Input Port	USB-C
Body Material	ABS
Body Color	Black, Beige, Blue, Purple

Car Accessories

Navigation Fragrance



前3ページに掲載の製品と同じSupplierの製品で、Navigation機能に特化したUpgrade Versionとの位置付けだったが、Display部品のMOQが5Kと大きく、開発中止に。

NAVIGATION FRAGRANCE

- Intelligent Electronic Fragrance to adjust the concentration and duration
- Real-time Speed Head-up Display
- Real-time Weather Display
- Signpost indication during Navigation
- Customize Emoticons or Pictures
- Optional Dial via. Specific App

Information Display

for TESLA



Information Display

for TESLA

The Perfect Fusion of Aesthetics
Technology and Powerful Functionality



5

In-Car Use Holder

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

In-Car Use Holder

Smartphone Holder



Vacuum Suction
MagSafe Holder



MagSafe Qi Charger
Holder



25W Qi2.2 / 15W Qi2

In-Car Use Holder

Smartphone Holder



Foldable & Portable Design



Detachable & Modular Design



360° Rotating 3M Base



Suitable for Desktop Stand and Handheld Shooting Use



Detachable & Modular Design



360° Rotating Base



Suitable for Desktop Stand and Handheld Shooting Use



Double-sided magnetic Design Attaches to Fridge or Fitness Equipment



Detachable & Multi-function MagSafe Holder

In-Car Use Holder

Smartphone Holder



Flexible Multi-angle Adjustment



360° + 90° Adjustable Extension Arm



20pcs N52 Super-Strong Magnets



Air Vent Hook Built-In Metal Never Broken

Air-Vent MagSafe Holder



In-Car Use Holder

Smartphone Holder



Support Horizontal Placement



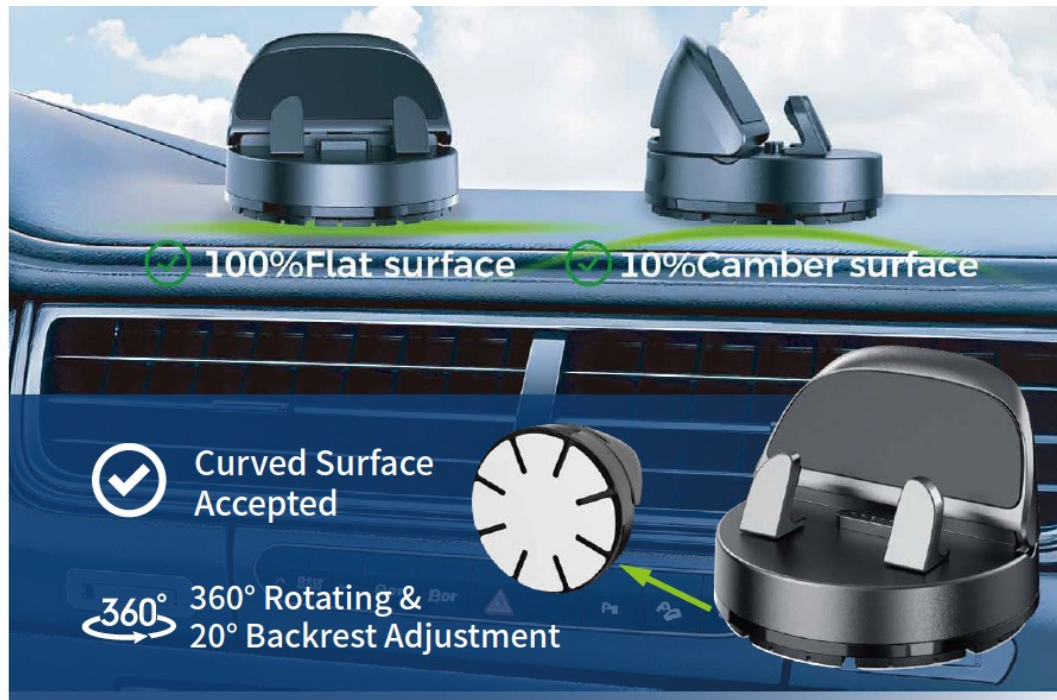
Ultra Slim



Ultra Durability

In-Car Use Holder

Smartphone Holder



Dashboard Mount Holder



- 360° Rotating & 20° Backrest Adjustment
- Washable & Reusable Sticky Gel
- Install Suction Cup Easily

6

Find My Car USB Charger

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

Find My Car USB Charger

Built in Finder

The built-in battery provides high convenience by enabling tracking operation even when ACC is off. Unfortunately, it is not MFi certified.
ACC Off 時もTracking動作する為のBattery内蔵で利便性が高い。但し残念ながらMFi未取得。



English

Japanese

Confidential

Find My Car USB Charger

Find My Car USB Charger

Car charger With Air Tag

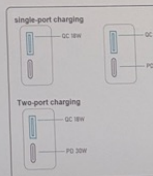
51W



MFi

Works with
Apple Find My

Made for
iPhone | iPad



According to reports, the September 2025 revision to Apple's **MFi regulations discontinued MFi certification for in-vehicle Find My products.**

The product on the left reportedly separated the Find My component to obtain MFi certification.

2025年9月のApple MFi規定改定で、**車載用FindMy製品のMFi認証は、廃止になったとの話。**
左の製品は、MFi認証取得の為にFindMy部を分けたとの事。

BL026

Find My Dual Ports PD Car Charger



POWER4 - SPECIFICATION

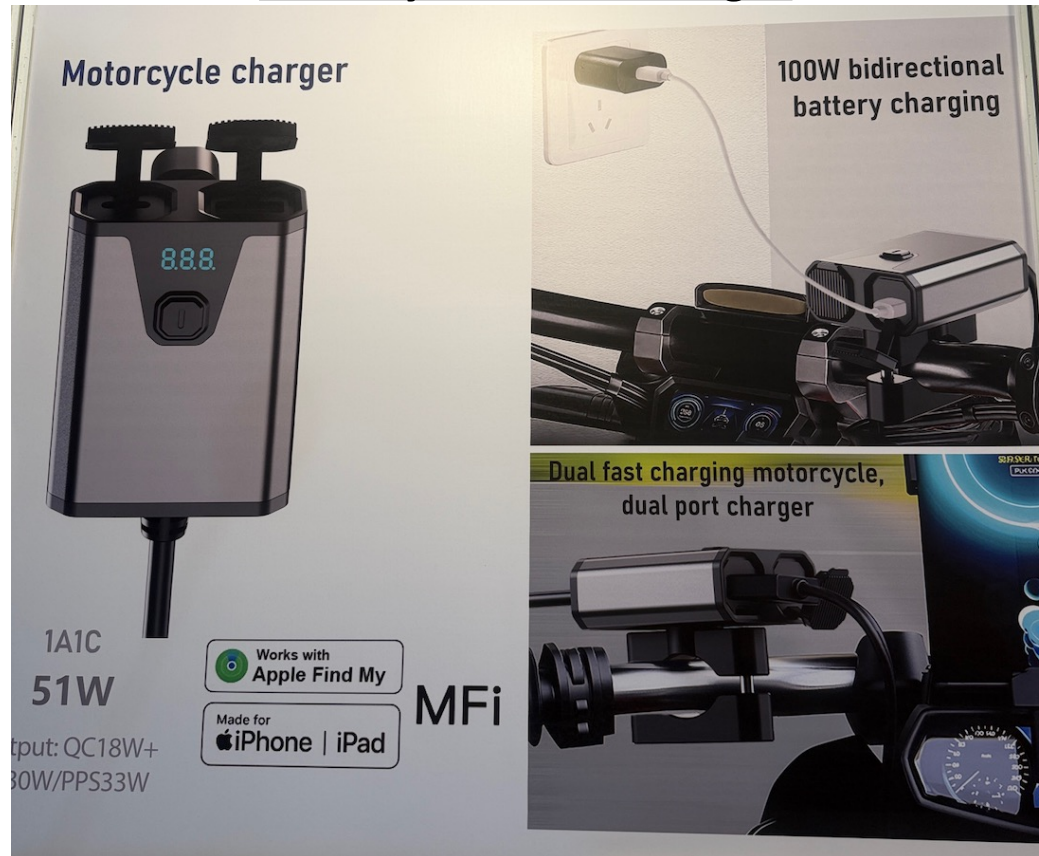
- Works with Apple Find My
- Bluetooth version: 5.3
- Size: 33 * 76mm
- Material: ABS
- Net weight: 62g
- Volume: 80-100dB
- Connection distance: 50m (unobstructed)
- Function: QC3.0, PD 30W
- Charging Port: USB A + Type-C
- Input: 9V-24V
- Output: USB-C: 9V/2A, 5V/3A, 12V/1.5A, 30W
USB-A: 5V/3A, 9V/2A, 18W
- IOS: iPhones/iPad with IOS14.5 and later
- Android: AndroidTM 9+ on select devices



AU-EDGE

Car Charger

Find My Car USB Charger



Find My Car USB Charger

Product Images



Find My Car USB Charger

Finder Function

High-speed accurate positioning

According to For Apple's official certification

the world's 2 billion mobile phone users to provide base station assistance services quickly and accurately locate your car!

High speed
and precise
positioning

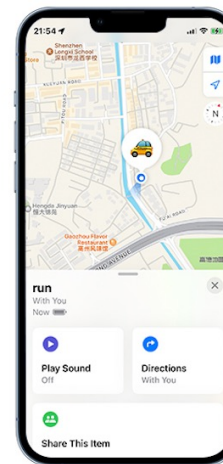


For Apple's official APP "Find My" pinpoints locations

No need to download other software to locate your car in real time.



Official APP "Find My"



Locate your car quickly
and accurately

Quick navigation to find your car Don't worry about finding a car if you're a roadie.

Navigate to your parking location and find your car quickly in large car parks or unfamiliar areas

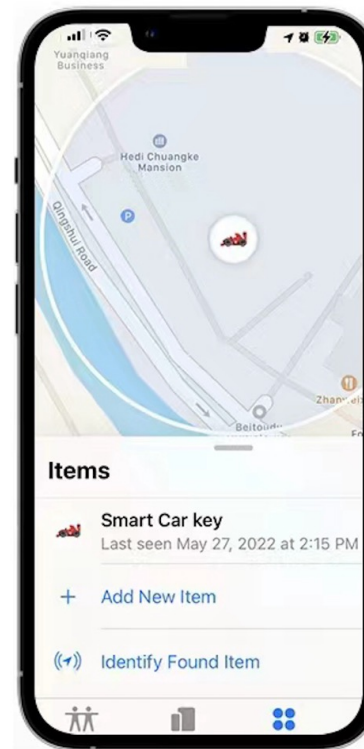
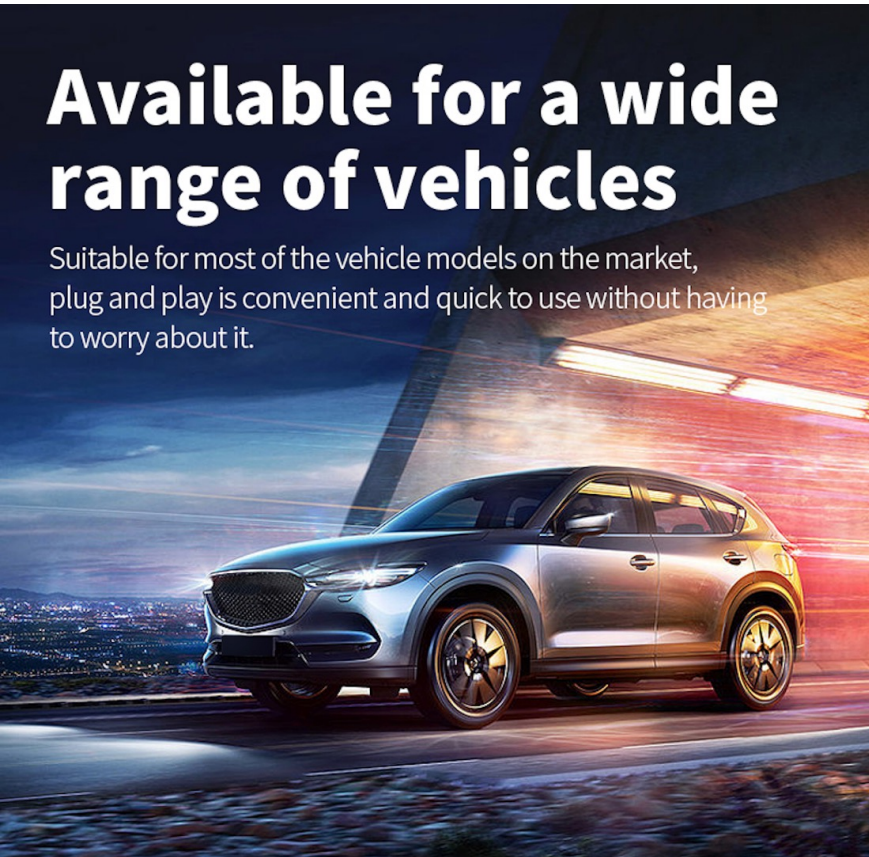


Find My Car USB Charger

Universal Installation & How to add

Available for a wide range of vehicles




Suitable for most of the vehicle models on the market, plug and play is convenient and quick to use without having to worry about it.



Works with
For Apple Find My



How to add?

- ① Insert the OBD to the car
- ② Click  Find my
- ③ Click 
- ④ Click  Add other items

Find My Car USB Charger

2 USB Charging Slots



Cigarette lighter plugs
directly into the power supply and
installs quickly in one second.



Find My Car USB Charger






Specifications

Main Specifications

- Built in "Apple Find My" function
- Link with Apple Finder App
- Input Voltage: DC 12V
- Cigar Lighter Interface Adapter
- Output USB: USB-A x 1 + USB-C x 1
- Max. Output:
 - USB-A + USB-C: Total 20W
- Charging Chip : ATC9100S, ETA2845S2G
- Body Material: ABS
- Body Color: Black
- Body Length: 53mm



			
Name	For Apple anti-loss device	GPS tracker	4G Network Locator
Positioning method	Smart Car Kit For Apple smart anti-loss system	General GPS	4G Network/ GPS
Positioning accuracy	Base station assistance services for 2 billion mobile phone users worldwide	Roughly	Roughly
Power management	Cigarette lighter plug-in power supply	OBD plug-in power supply	Built-in battery requires charging
Viewing method	For Apple Official APP "Find My"	Web View	Download the appropriate APP



7

Find My OBD2 Device

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

Find My OBD2 Device

Product Images



Find My OBD2 Device

Finder Function

Apple Find My location system

Apple official certificated, with 2 billion iOS devices worldwide base station exactly locating your car

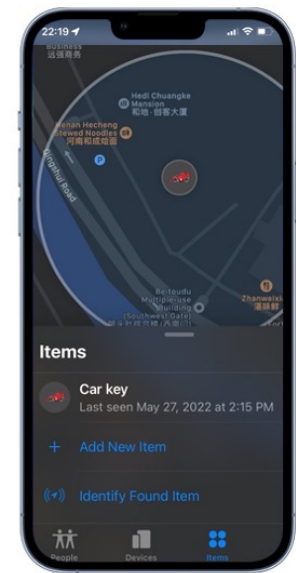
Speedy
Accaracy
Location

Apple Find My App

Find, share and navigate to precise location of your love cars



Apple Find My App

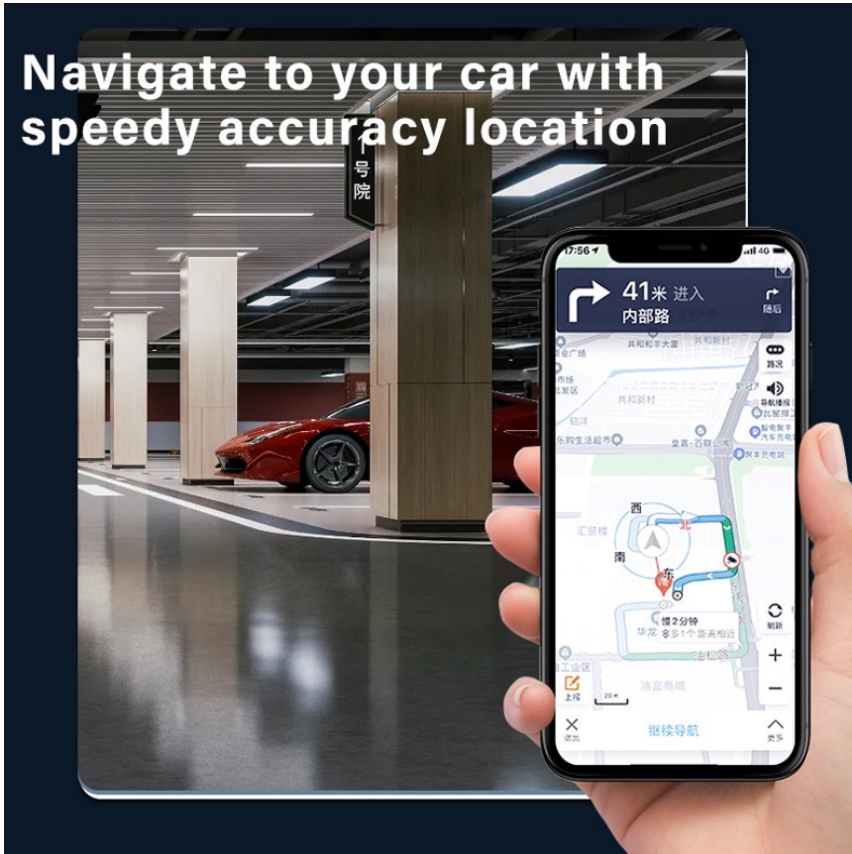


Accurcy location

Find My OBD2 Device

Finder Function

Navigate to your car with
speedy accuracy location



Apple official Find My App
Exactly locate your car position



Find My
Apple official App



Apple Find My
location system



Never need
to recharge

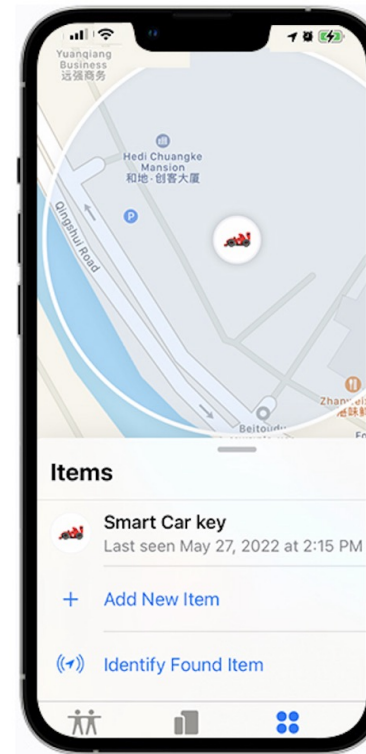
Find My OBD2 Device

Universal Installation & How to add

Find the OBD port under the steering wheel






Insert the OBD to the OBD port



Works with
Apple Find My



How to add?

- ① Insert the OBD to the car
- ② Click  Find my
- ③ Click 
- ④ Click  Add other items




Find My OBD2 Device

Specifications

Main Specifications

- Built in "Apple Find My" function
- Link with Apple Finder App
- Input Voltage: DC 12V
- Connection Terminal: OBD2
- Power Input: DC12V continuously via. OBD2
- Body Material: ABS
- Body Color: Black



Product			
Name	Smart car key location device	GPS device	4G GPS device
Locate by	Apple Find My App	GPS	4G network
Accuracy	Location by 2 billion iOS users worldwide base station	Approximately	Approximately
Power Supply	OBD power supply	OBD power supply	Need recharge the device
Where to check	Apple device Find My App	Check by web page	Down load App
Service charge	Free for life	Free for life	Need to pay

8

Car Charger

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

Accessory for Starlink

Car USB Chargers & Cable



Accessory for Starlink

Car USB Chargers & Cable



Car Charger

Car USB Charger with TFT Screen



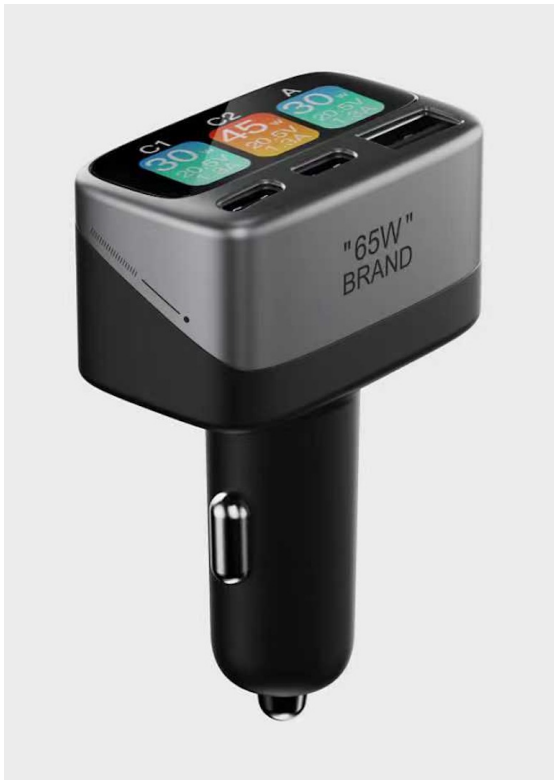
Car Charger

Car USB Charger with TFT Screen



Car Charger

Car USB Charger with TFT Screen



Specifications	
Display	Built in TFT Screen
Input	DC 12V / 24V Compatible
Total Output	105W
USB-A	Max. 30W (5V/3A, 9V/2A, 12V/2.5A)
USB-C1	Max. 45W (5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.25A)
USB-C2	Max. 30W (5V/3A 9V/2A 12V/2.5A)
Body Material	Zinc Alloy + PC

Car Charger

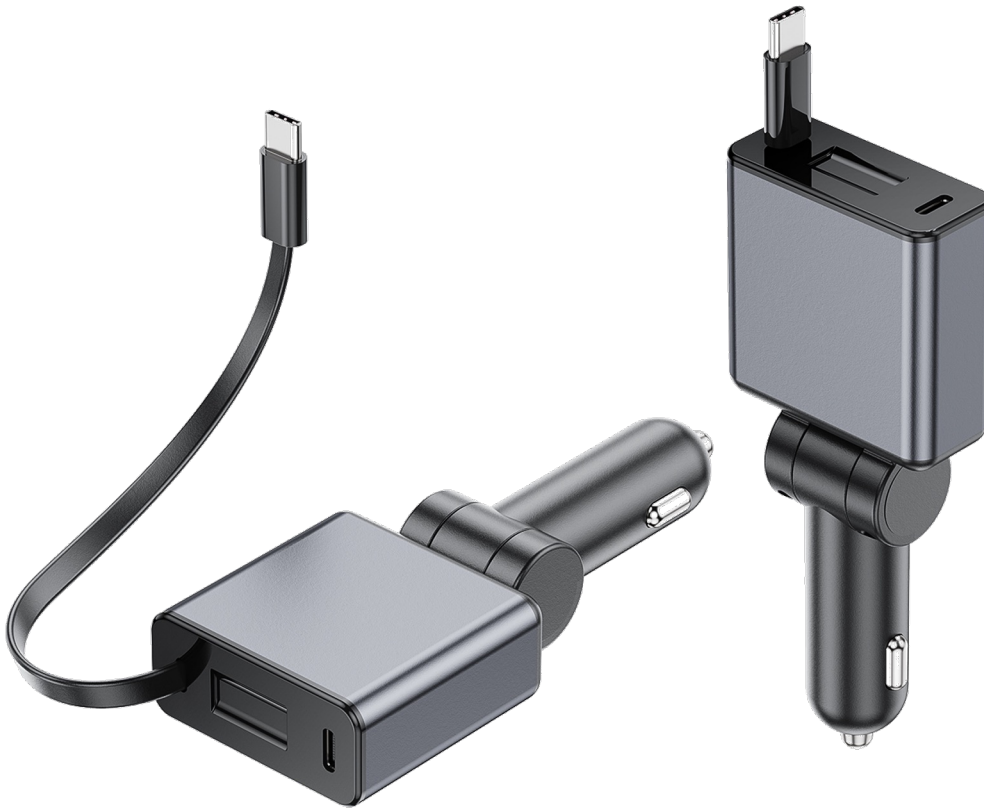
Car USB Charger with TFT Screen



Specifications	
Display	Built in TFT Screen
Input / Output	Input: 140W Output: USB-A/USB-C: 20V / 6A USB-A + USB-C: 5V / 3A
	Input: 100W Output: USB-A/USB-C: 20V / 5A USB-A + USB-C: 5V / 3A
	Input: 65W Output: USB-A/USB-C: 20V / 3.1A USB-A + USB-C: 5V / 3A
Body Material	Zinc Alloy + PC

Car Charger

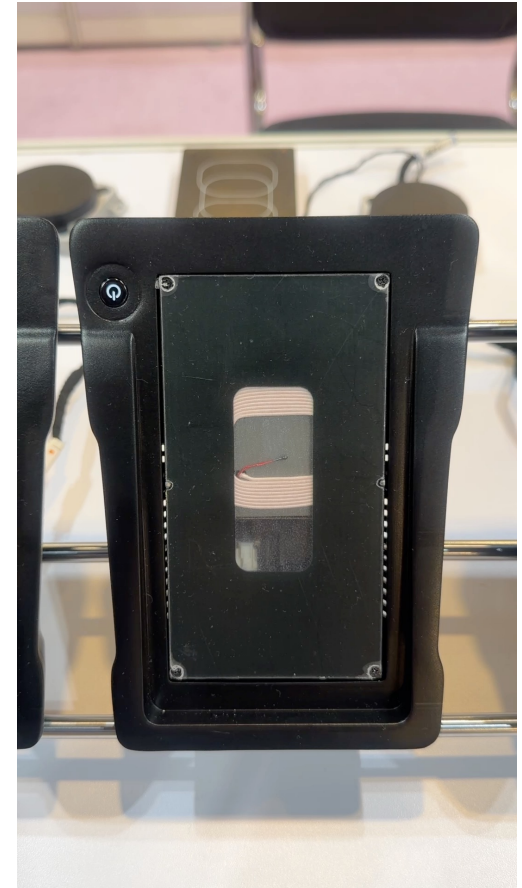
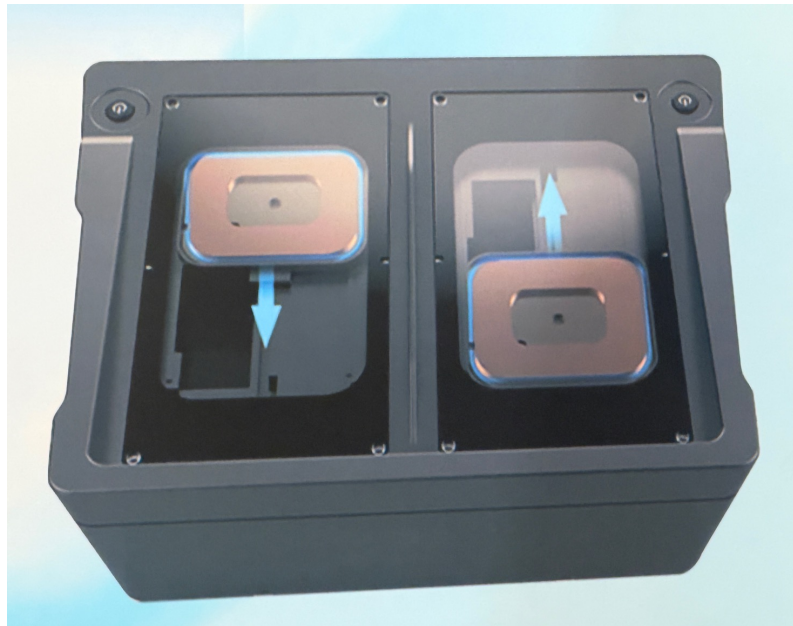
Car USB Charger with Retractable Cable



Specifications	
Retractable Cable	Yes (USB-C: 80cm)
Input	DC 12V / 24V Compatible
Total Output	75W
USB-C Cable	Max. 45W (5V/3A, 9V/3A, 15V/3A)
USB-C	Max. 30W (5V/3A, 9V/3A, 12V/3A, 15V/3A)
USB-C2	Max. 30W (5V/3A, 9V/3A, 12V/2.5A)
Body Material	Zinc Alloy + PC

Car Charger

Wireless Charger

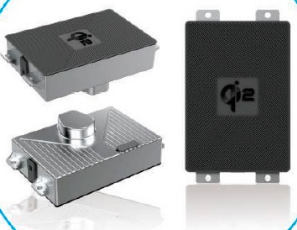


Car Charger

Wireless Charger

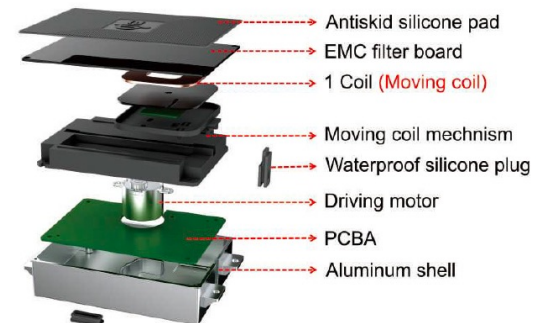
STANDARD MODULE

Alignment Power Profile
For Mobile 25W/50W Fast Charger



- Heating Performance**
No blind area.
High efficiency.
Less heat.
- Uniqueness**
The Patents of Smart Moving Wireless Charger.
Independent Innovative Technology.
Can pass qi2.1-APP certification.
- Large High-power Charging Area**
Intelligently align the RX center.
Good compatibility and continuous charging.
Good consistency in fast charging.
- Safety**
Accurate detection, FOD protection.
Ensure the safety of mobile phone charging.

No.1 World APP Certificate.
Smart Moving New Technology Leader.



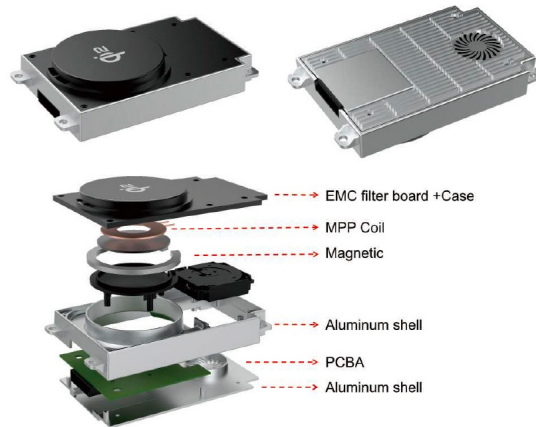
NO	Item	1 Coil Smart Moving (qi2.1) - Main Specifications
1	Input Voltage	9.0 ~ 16.0V ;
2	Output Power	Max@15W ;
3	Charging Efficiency	Over 75% ;
4	Coil	1 Coil (Smart Moving) ;
5	Working Temperature	-40 ~ +85°C ;
6	Storage Temperature	-40 ~ +85°C ;
7	Working Frequency	110~205KHz, 360KHz ;
8	FOD Features	Conform to qi 2.1 standard
9	Protection	High temperature/Overvoltage/Undervoltage/Short way/Reverse connection/Overload/Overcharge/Heat dissipation/Water proof ;
10	PEPS	Prevent smart key from interference ;
11	EMC Criteria	CISPR 25: Class3 (2021) ;
12	Communication	UART, CAN ...

Car Charger

Wireless Charger

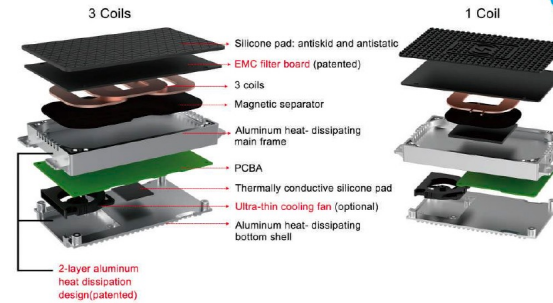
STANDARD MODULE

Magnetic Power Profile
Special Design For iPhone



NO.	Item	qi2.1 MPP-Main Specifications
1	Input Voltage	9.0 ~ 16.0V ;
2	Output Power	Max@ 15W;
3	Charging Efficiency	Over 75%;
4	Coils	MPP Coil;
5	Working Temperature	-40 ~ + 85°C;
6	Storage Temperature	-40 ~ + 85°C;
7	Working Frequency	EPP 110~205KHz, MPP: 360KHz;
8	FOD Features	Conform to qi2.1 MPP standard;
9	Protection	High temperature/Overvoltage/Undervoltage/Short way/Reverse connection/Overload/Overcharge/Water proof;
10	Cooling Fan	Customised to exact customer dimensions;
11	PEPS	Prevent smart key from interference;
12	Communication	UART, CAN...
13	EMC Criteria	CISPR 25: Class3.

STANDARD MODULE



NO.	Item	Specifications
1	Input Voltage	9.0 ~ 16.0V
2	Output Power	Max@15W
3	Charging Efficiency	Over 70%
4	Coil	1 Coil or 3 Coils
5	Working Temperature	-40 ~ +85°C
6	Storage Temperature	-40 ~ +85°C
7	Working Frequency	110~205KHz
8	FOD Function	Conform to qi 2.1 standard
9	Protection	High temperature/Low voltage/Over current/Short way/Reverse connection/Overload/Overcharge/Heat dissipation/Water proof
10	PEPS Protection	Prevent smart key from interference (optional)
11	EMC	CISPR 25: Class 3 (optional)

Car Charger

Wireless Charger



TOYOTA YARIS 2019



TOYOTA LEVIN 2019

TOYOTA



TOYOTA RAV4 2026



TOYOTA FORTUNER 2024



TOYOTA INNOVA
HYCROSS 2025



TOYOTA ALPHARD 2019



TOYOTA CAMRY 2018



TOYOTA CAMRY 2021



TOYOTA C-HR 2018



TOYOTA C-HR 2019



TOYOTA COROLLA 2019



TOYOTA HIGHLANDER 2019



TOYOTA HILUX 2019



TOYOTA LANDCRUISER 2016



TOYOTA LC250 2024



TOYOTA PRADO 2019-2022

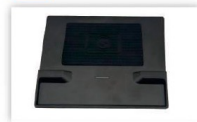


TOYOTA RAV4 2019

Car Charger

Wireless Charger

HYUNDAI



HYUNDAI i20 2019



HYUNDAI TUCSON 2018

ISUZU



ISUZU DMAX 2020



ISUZU MUX 2020

MITSUBISHI



MITSUBISHI LANCER 2015



MITSUBISHI PAJERO
SPORT 2019



MITSUBISHI TRITON
GLS 2019



MITSUBISHI TRITON
GLX 2019



MITSUBISHI
XPANDER 2018



MITSUBISHI
XPANDER 2022



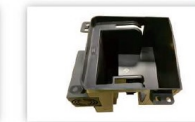
NISSAN



NISSAN MAGNITE
2020 (LEFT)



NISSAN MAGNITE
2020 (RIGHT)



NISSAN PATROL 2017



NISSAN VENUCIA T60
2019



NISSAN VENUCIA T90
2019



NISSAN X-TRAIL 2021

SUZUKI



SUZUKI ERTIGA 2019



VOLKSWAGEN UNIVERSAL



HONDA C-RV 2019

HONDA



HONDA AVANCIER 2020



HONDA BREEZE 2020

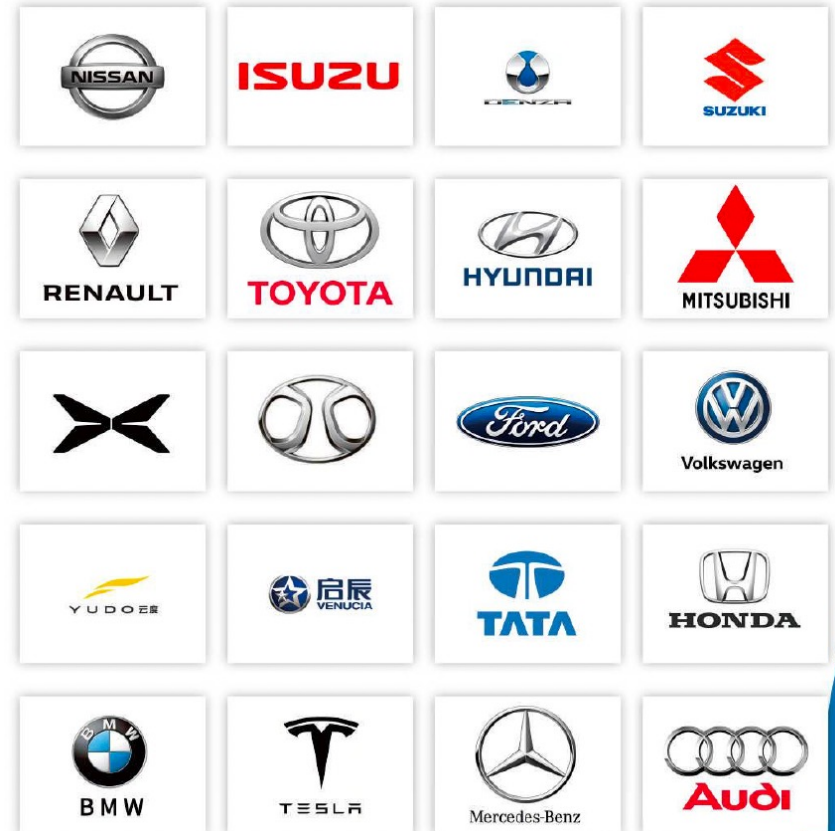


HONDA CIVIC 2017

Car Charger

Wireless Charger

CUSTOMERS



9

In-Car Use Fan

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

In-Car Use Fan

In-Car Use Fan



In-Car Use Fan

In-Car Use Fan



In-Car Use Fan

In-Car Use Fan with Light

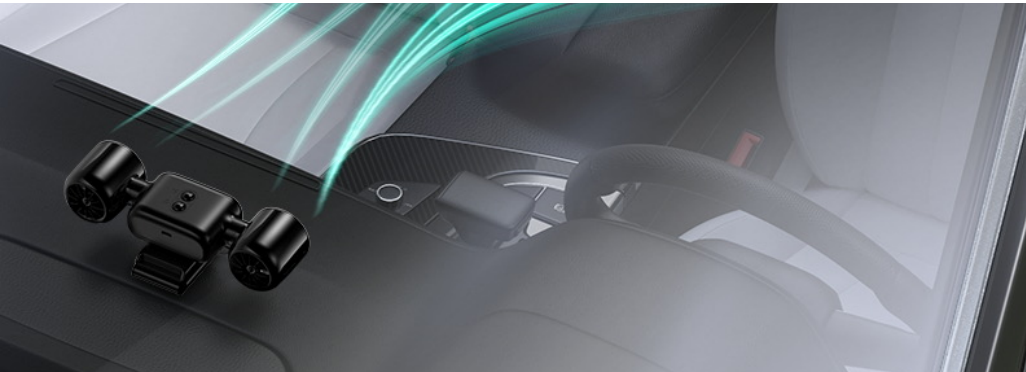


Specifications

Built in Battery	2 Types (With 4,000mAh / Without)
Body Colors	Black / White
Fan	Dual Bladeless Fans with 3-Steps
Light	Independent Switch with 3-Steps
Fan Angle	300 degrees Adjustable
Multiple Brackets	Yes

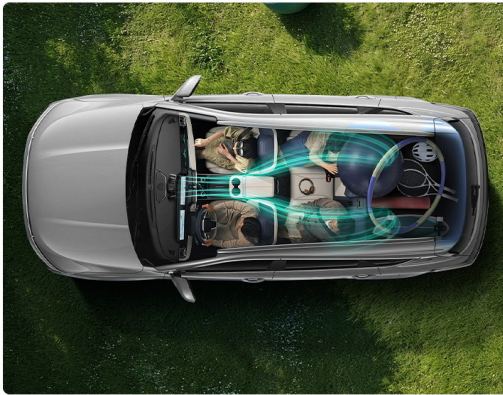
In-Car Use Fan

In-Car Use Fan with Light



In-Car Use Fan

In-Car Use Fan Applications



Fine grid

Protect the hands of babies who love to explore
Even if you take it off and give it to your baby



Enclosure fine grille outlet hood gap less than 50 mm,
rear air inlet grille gap less than 60 mm.



Warm lamp

Bringing a ray of light to the dark car at night



**Quick disassembly design,
one twist to remove,
convenient to hold at any time**

Bracket triple fold design. More flexible blowing angle

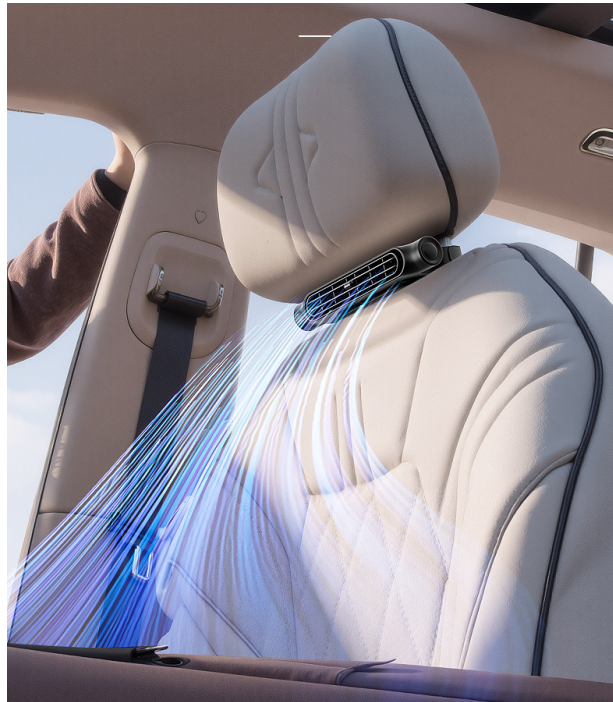
In-Car Use Fan

In-Car Use Fan



In-Car Use Fan

In-Car Use Fan Applications



Drive away heating cooling on the way

Keep you cooling that from the seat all the way in summer

10

Smart Car Key

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

Smart Car Key

Smart Digital Car Key

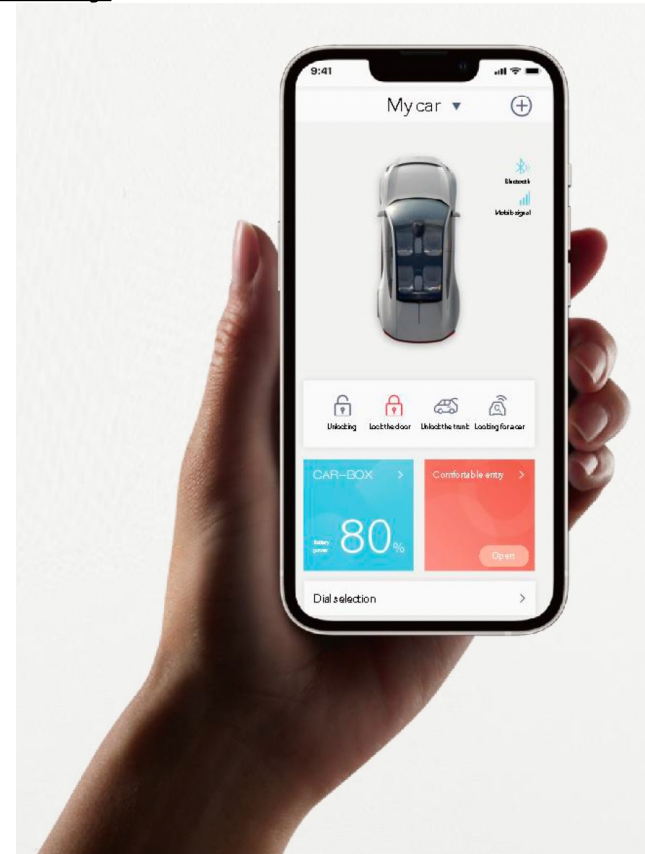
DIGITAL CAR KEY

Suitable for all one-button start models, it features a comfortable entry system with adjustable distance and a user-friendly touch experience. Customize the startup interface and freely switch between multiple languages.



Smart Car Key

Smart Digital Car Key



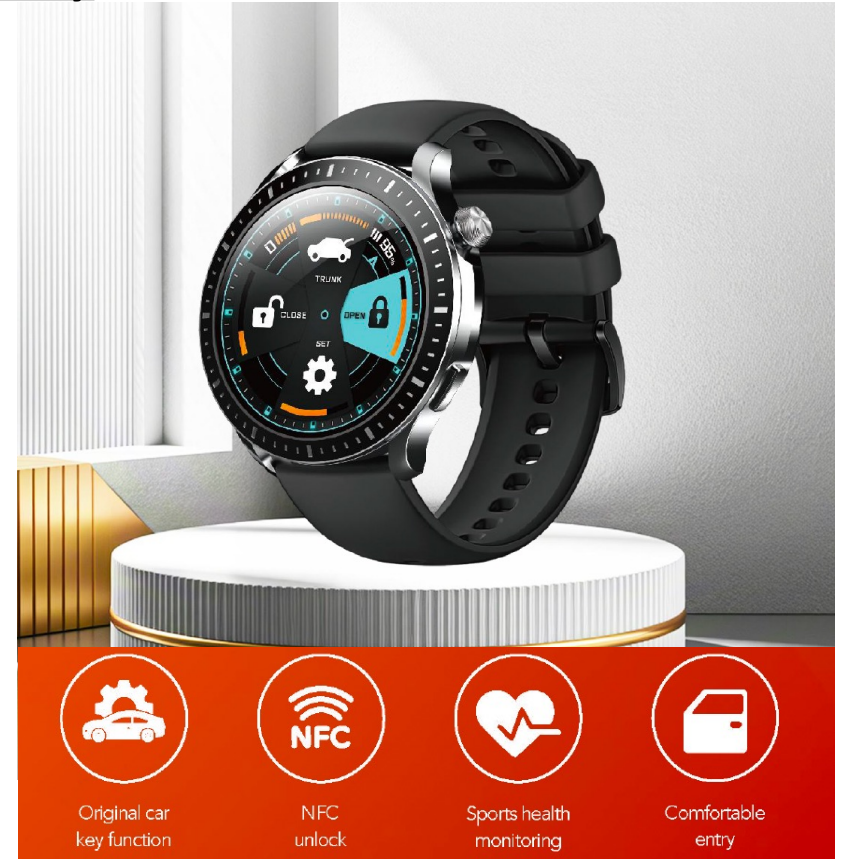
Smart Car Key

Smart Digital Car Key



Smart Car Key

Smart Digital Car Key

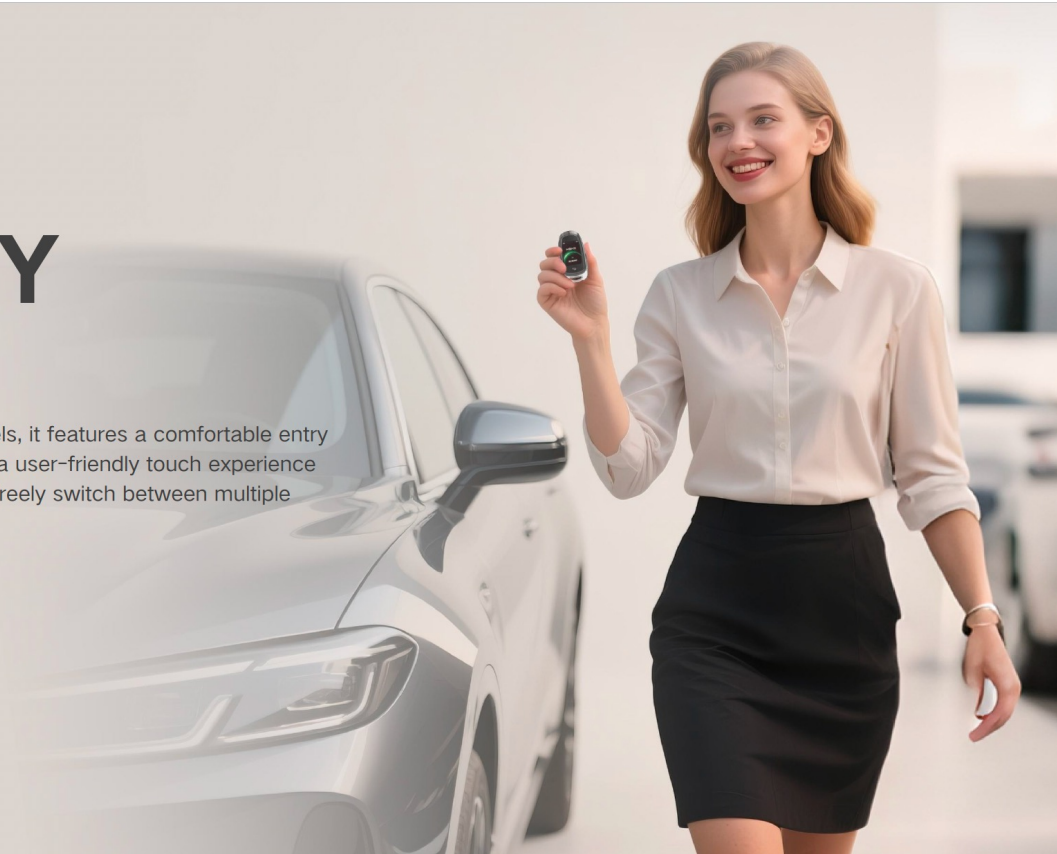


Smart Car Key

Smart LCD Car Key

LCD CAR KEY

Suitable for all one-button start models, it features a comfortable entry system with adjustable distance and a user-friendly touch experience
Customize the startup interface and freely switch between multiple languages



Smart Car Key

Smart LCD Car Key



Smart Car Key

Smart LCD Car Key



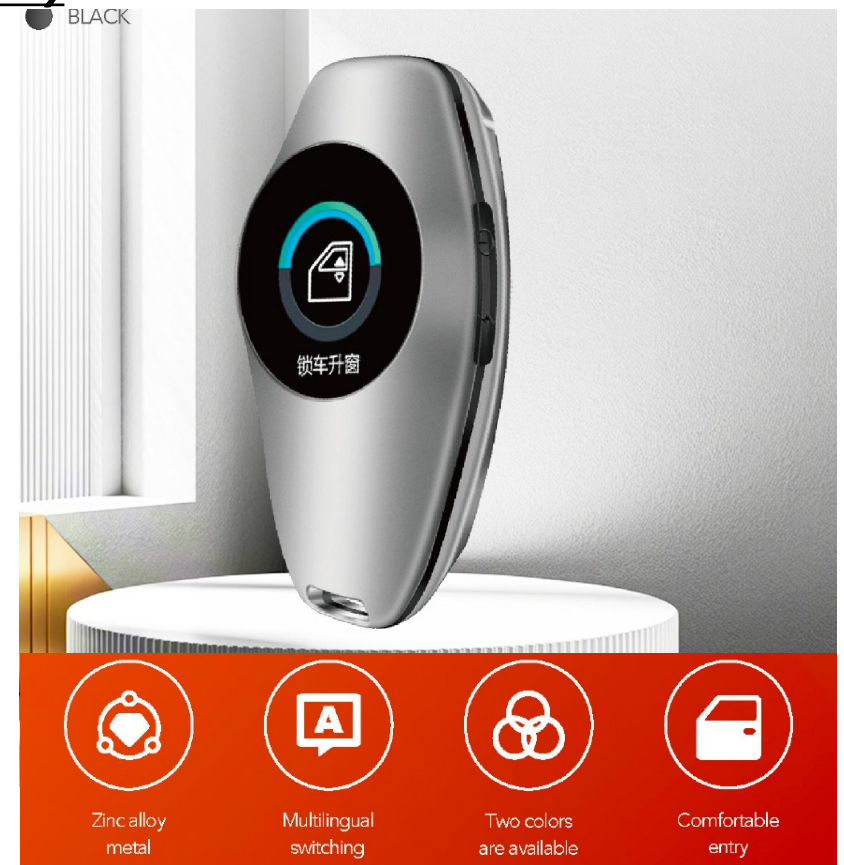
Smart Car Key

Smart LCD Car Key



Smart Car Key

Smart LCD Car Key



Smart Car Key

Smart LCD Car Key



Smart Car Key

Smart Car Key Factory



11

Other Car Accessories

DATA CONTROL SYSTEM

ORGANIC STRUCTURE

Other Car Accessories

Solar EV Charger

<https://www.gtpow.net>



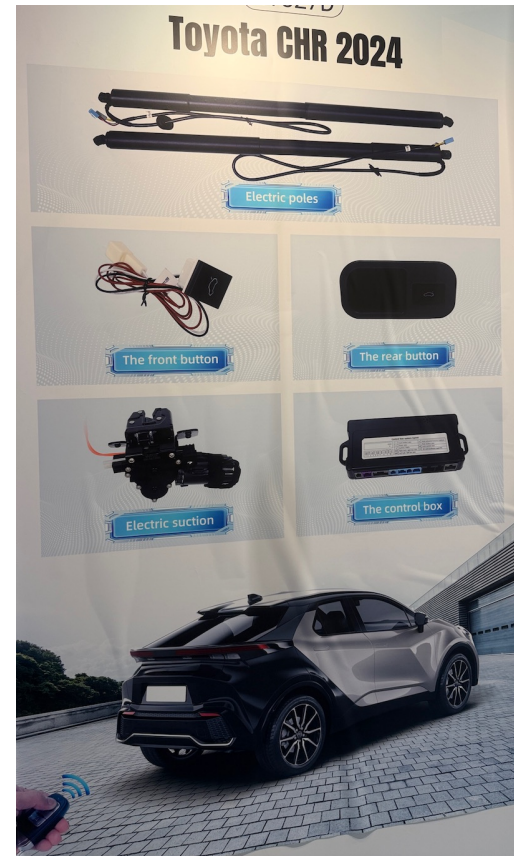
Other Car Accessories

Solar EV Charger



Other Car Accessories

Electric Pedal



Other Car Accessories

Electric Pedal



Other Car Accessories

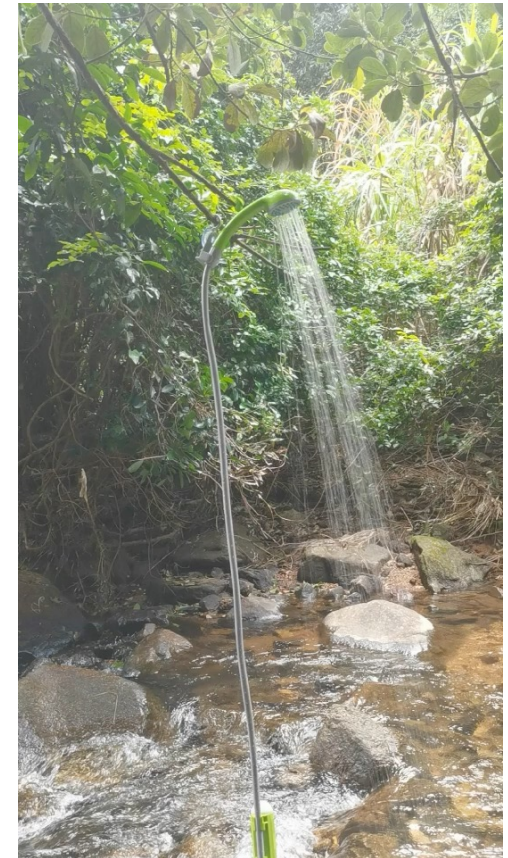
Drive Recorder with Information Display





Outdoor

Portable Shower



Outdoor

Portable Shower



Outdoor

Portable Mini Shower

- Safer.
- Easy to charge.
- Powerful water pressure.
- Separate battery and pump.
- No need to turn it off in the bucket.
- Protect and enhance the batteries life.



Portable Shower

Items Included

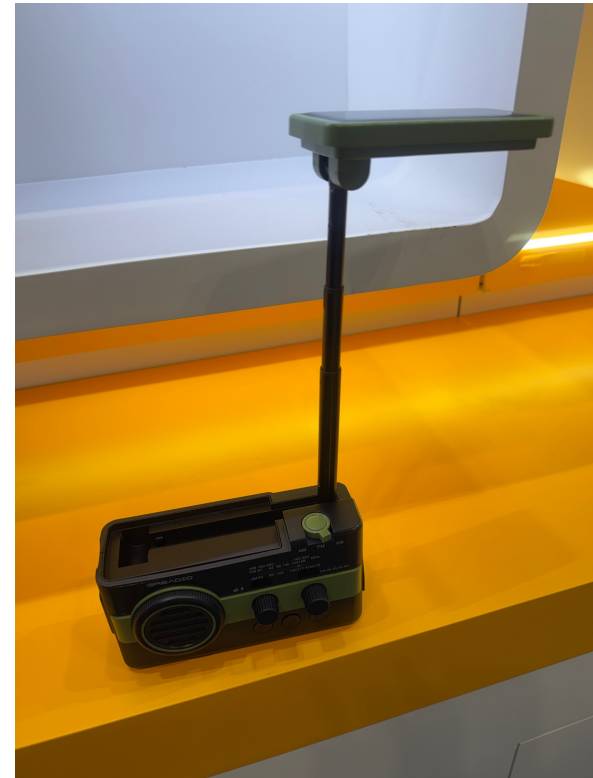


Submersible pump 3



Outdoor

Emergency Radio



Outdoor

Lantern Bluetooth Speaker



























13

Radiation Cooling
Fabric Technology

Radiation Cooling Fabric Tech

Radiation Cooling Fabric Technology



 People	 "0" waiting go at any time	 Maintain makeup	 Care for older and young, pregnant	 Cool and refreshing comfortable and cheerful	 Reduce alternate of hot-cool against the cold
 Car	 Cooling and heat insulation against cold and snow shield	 Restraint the formation of harmful gases	 Last car lifetime	 Last interior electronic components ageing	 No pre-open air conditioner
 Life	 Keep fresh	 Keep origin tasty	 Fresh flower keeping	 Beauty medicine & lipstick	 Outdoor picnic tent and carpet
 Low-carbon	 water-coating no pollution	 Reflective obstruct	 Stain-resistant self-cleaning wipe with water	 Water resistant easy to store	 Eco-friend

付加工エネルギーを使用するに受けた熱を効率良く放熱することによって、外気温より冷やす技術です。地球上のあらゆる物体は熱を放射する際に電磁波の領域で放射しており、受ける熱よりも放射する熱量が上回る現象を「**放射冷却**」と呼びます。

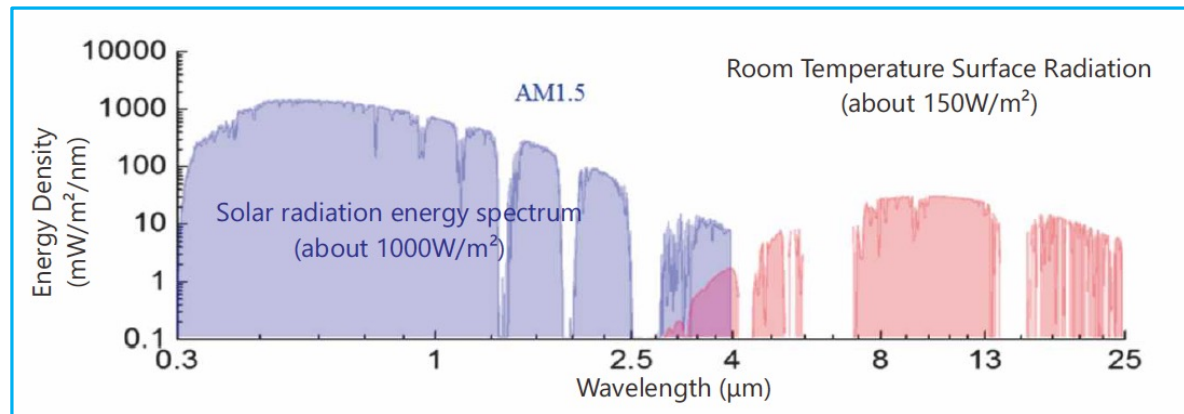
Multiple Purpose



本製品は日射を高い割合で反射する既存の技術と高い放熱技術を複合することによって、製品表面への蓄熱を防ぐ上に、裏面の熱も吸収、放射をも可能とした製品となります。放射する時に熱を「大気の窓」と呼ばれる波長領域に集約することで、地球温暖化の原因でもある雲に阻害されない熱放射を実現しており、日中においても大気との熱交換を可能としています。

Radiation Cooling Fabric Tech

Technical Principles



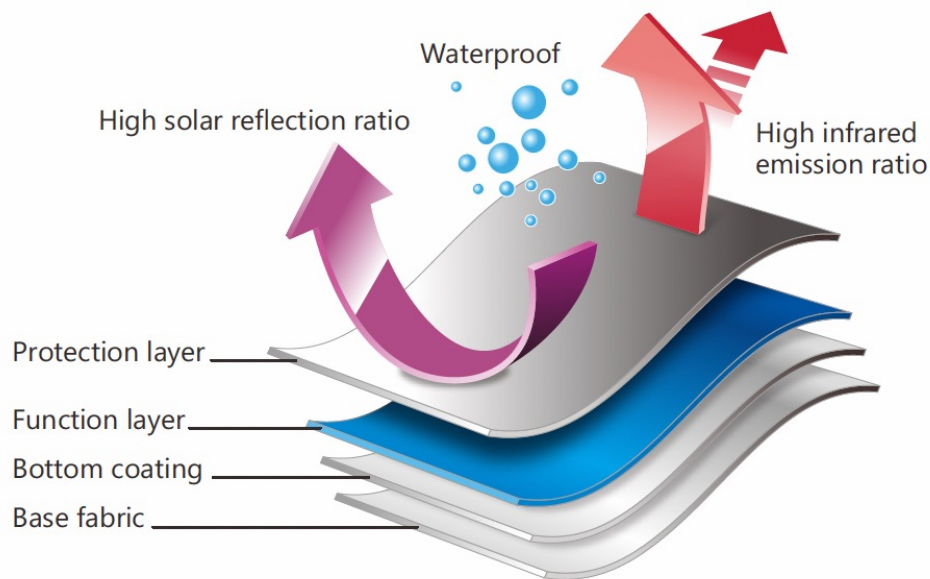
TECHNICAL PRINCIPLES

放射冷却繊維技術は、地球表面の大気と宇宙空間（ -270°C ）の温度差を認識し、 $8\sim13\mu\text{m}$ の赤外線波長を放出することで、大気層に吸収されない熱伝達経路を構築。太陽下で冷却され、その後も冷却状態を維持し、ゼロエネルギーで24時間連続冷却を実現する。

基布と放射冷却コーティングの接合により形成された冷却布は、高透過率の窓（微細孔）と優れた赤外線放射能力により、熱源を空間へ放出しつつ、太陽放射エネルギーの反射能力で太陽熱吸収を最小化。これにより優れた冷却効果を実現し、冷凍装置を一切使用せず、エネルギー消費ゼロで迅速な冷却効果を発揮する。

Radiation Cooling Fabric Tech

Product Features



Product Features:

- 冷却：効率的な放射冷却、太陽エネルギーを遮断。
- 環境保護：追加のエネルギー消費なし。
- 反射：反射により太陽光を遮断。
- 自己洗浄：撥水性・撥油性・防汚性があり、清掃が容易。
- 耐水性：表面は蓮の葉効果を持ち、生地は水を浸透させない。
- 防塵性・清掃容易性：撥水性があり、塵を吸着しない。
- 耐久性：高い紫外線防止・耐老化性。

Cooling Half Cover Test Report

编号: T46202001001
日期: 2021 年 03 月 10 日

图 3 满意度统计

	非常满意	满意	一般	不满意	非常不满意	非常满意	满意	一般	不满意	非常不满意
整体满意度	89%	88.4%	84.4%	80.7%	80.3%	89.1%	88.7%	84.7%	80.4%	80.3%
项目满意度	90%	89.1%	85.1%	81.4%	80.9%	90.4%	89.9%	85.9%	81.6%	81.4%
管理满意度	89%	88.1%	84.1%	80.4%	80.4%	89.4%	88.9%	84.9%	80.6%	80.4%
环境满意度	91%	90.1%	86.1%	82.4%	80.9%	90.9%	90.4%	86.4%	82.6%	81.9%
服务满意度	89%	88%	84%	80.4%	80.4%	89.4%	88.4%	84.4%	80.6%	80.4%
设施满意度	91%	90.1%	86.1%	82.4%	80.9%	90.9%	90.4%	86.4%	82.6%	81.9%
性价比满意度	87%	86%	82%	78.4%	78.4%	87.4%	86.4%	82.4%	78.6%	78.4%

图 3 满意度统计

满意度	非常满意	满意	一般	不满意	非常不满意
整体满意度	89%	88.4%	84.4%	80.7%	80.3%
项目满意度	90%	89.1%	85.1%	81.4%	80.9%
管理满意度	89%	88.1%	84.1%	80.4%	80.4%
环境满意度	91%	90.1%	86.1%	82.4%	80.9%
服务满意度	89%	88%	84%	80.4%	80.4%
设施满意度	91%	90.1%	86.1%	82.4%	80.9%
性价比满意度	87%	86%	82%	78.4%	78.4%

1. The maximum temperature difference inside the car reaches 49.5°C when the refrigeration half-cover is used and the half-cover is not used. The test method and test results are applied to appendix B of ENTERPRISE Standard Q/ZMF 004-2021 (Comparison of temperature differences test methods).
2. The higher the ambient temperature, the greater the temperature difference inside the car, the better the refrigeration (cooling) effect.



周囲温度が高ければ高いほど、車内との温度差が大きく冷却効果が向上。

PRODUCT OVERVIEW



Leading technology

Radiant cooling vehicle and cooling outdoor are the crystallization of cooperation between **Zhejiang Mingfeng** and **Ningbo Ruiling**, which are the innovative application of radiant refrigeration technology. The maximum temperature drop of the product using this technology is 49°C. The higher the ambient temperature, the more significant the temperature drop.

It's NOT only the cover

People	10" waiting go at any time	Maintain makeup	Care for older and young, pregnant	Cool and refreshing comfortable and cheerful	Reduce alternate of hot-cool against the cold
Car	Cooling and heat insulation against cold and snow shield	Restraint the formation of harmful gases	Last car lifetime	Last interior electronic components ageing	No pre-open air conditioner
Life	Keep fresh	Keep origin tasty	Fresh flower keeping	Beauty medicine & lipstick	Outdoor picnic tent and carpet
Low-carbon	water-coating no pollution	Reflective obstruct	Stain-resistant self-cleaning wipe with water	Water resistant easy to store	Eco-friend

Cooling Car Cap



Excellent Performance:

In extreme Sunday, the Car interior temperature can reach 60°C to 80°C, but the temperature will be lowered 20°C to 40°C after having snow land cover on. The cooling performance will be better when the temperature is higher.



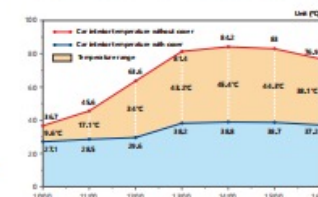
Cooling Car Cap Test Site:

Date: June 27 2021, Time: 14:32,

Add: China Auto Aftermarket show Zhengzhou, China.

Testing result:

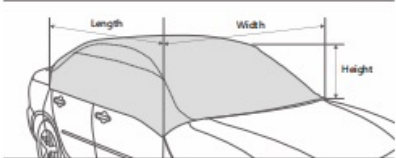
Air temperature 37.6°C Car interior temperature without cover on 84.2°C.
Car interior temperature with cover on 38.8°C.



Cooling SUV/MPV Cap



Model-Spec:



Cooling Car Cap			Item no. / Specs / Size
MA02101	S	235 x 146 x 55cm / 92.5" x 57.5" x 21.7"	Fits sedan Length up to 400cm / 157.5"
MA02102	M	259 x 146 x 55cm / 102.0" x 57.5" x 21.7"	Fits sedan Length up to 400-430cm, 157.5"-169.3"
MA02103	L	292 x 146 x 55cm / 115.0" x 57.5" x 21.7"	Fits sedan Length up to 430-470cm 169.3"-185.0"
MA02104	XL	318 x 158 x 55cm / 125.2" x 62.2" x 21.7"	Fits sedan Length up to 470-530cm, 185.0"-208.7"

Cooling Hatchback Cap			Item no. / Specs / Size
MA01101	S	233 x 146 x 55cm / 91.7" x 57.5" x 21.7"	Fits Hatchback Length up to 370cm, 145.7"
MA01102	M	275 x 158 x 55cm / 108.3" x 62.2" x 21.7"	Fits Hatchback Length up to 370-410cm, 145.7"-161.4"
MA01103	L	318 x 158 x 55cm / 125.2" x 62.2" x 21.7"	Fits Hatchback Length up to 410-460cm, 161.4"-181.1"

Cooling SUV/MPV Cap			Item no. / Specs / Size
MA03101	S	338 x 170 x 61cm / 133.1" x 66.9" x 24.0"	Fits SUV Length up to 430-460cm, 169.3"-181.1"
MA03102	M	368 x 170 x 61cm / 144.9" x 66.9" x 24.0"	Fits SUV Length up to 460-490cm, 181.1"-192.9"
MA03103	L	393 x 175 x 68cm / 154.7" x 68.9" x 26.8"	Fits SUV/MPV Length up to 490-520cm, 192.9"-204.7"
MA03104	XL	419 x 175 x 68cm / 165.0" x 68.9" x 26.8"	Fits MPV Length up to 520cm / 208.7"

Cooling car shade (Elf model A1)



Excellent Performance:
In extreme Sunday, the Car interior temperature can reach 60°C to 80°C, but the temperature will be lowered 20°C to 40°C after having snow land cover on. The cooling performance will be better when the temperature is higher.

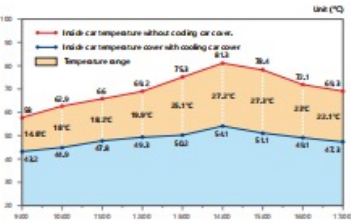


Snow land Car Cap Test Site:
Date: July 13 2021, Weather: Sunny,
Add: Zhejiang Mingfeng Industrial Co., Ltd.

Testing result: Air temperature 36°C
Inside car temperature 81.3°C
without cooling car cover.
Inside car temperature 54.1°C
cover with cooling car cover



Item no. / Specs / Size		
MA14101	M	155 x 85cm / 61.0" x 33.5" Fits the Sedan, Hatchback
MA14102	L	165 x 99cm / 65.0" x 38.0" Fits the Sedan, SUV
MA14103	XL	180 x 120cm / 70.9" x 47.2" Fits the SUV, MPV



Cooling car shade (Elf model A2)



Excellent Performance:

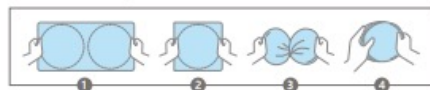
In extreme Sunday, the Car interior temperature can reach 60°C to 80°C, but the temperature will be lowered 20°C to 40°C after having snow land cover on. The cooling performance will be better when the temperature is higher.

1. Suitable for all models.
2. Easy to fold.

Item no. / Size	
MA13101	150 x 75cm / 59.1" x 29.5" Fits the Sedan, Hatchback, SUV



Window shield fold process:



Cooling car front shade



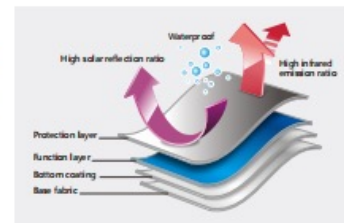
Item no. / Size	
MA16101	166 x 241cm / 65.3" x 94.9"

Cooling sky window shade



Excellent Performance:

- * In extreme sunny day, the car interior temperature can reach 60°C to 80°C, but the temperature will be lowered 20°C to 40°C after using cooling sunshade.
- * The cooling performance will be better when the temperature is higher.
- * High reflection + high heat insulation, double sun protection, making the interior of the car cooler.
- * Easy to install with special clips on the inside of the glass roof.



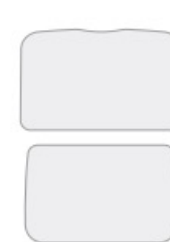
Applicable model and size:



Model Y
Front sky window
110 x 65cm, 43.3" x 25.6"
Rear sky window
103 x 73cm, 40.5" x 28.7"



Model 3
Front sky window
107 x 66cm, 42.1" x 26.0"
Rear sky window
105 x 80cm, 41.3" x 31.5"



Xpeng P7
Front sky window
104 x 65cm, 40.9" x 25.6"
Rear sky window
98 x 63cm, 38.6" x 24.8"



Xpeng G9
Integrated
99 x 137.6cm,
39.0" x 54.2"

Cooling motorcycle cover



Strong cooling: The cooling effect is obvious under high temperature, and the higher the temperature, the more conspicuous effect.

Environmental protection: Waterborne coating, pollution-free, strong anti-pollution energy, excellent weather resistance.

Durable: Service life-span 2 years.

Prolong life-span: Prolong life-span of motorcycle, electric scooter seat cover, safe and reliable, easy to use.

Item no. / Specs / Size		
MA21101	S	183 x 89 x 119cm 72.0" x 35.0" x 46.9"
MA21102	M	203 x 89 x 119cm 79.9" x 35.0" x 46.9"
MA21103	L	229 x 99 x 125cm 90.2" x 39.0" x 49.2"
MA21104	XL	246 x 104 x 127cm 96.9" x 40.9" x 50.0"
MA21105	2XL	264 x 104 x 127cm 103.9" x 40.9" x 50.0"



Electric scooter cover

Strong cooling: The cooling effect is obvious under high temperature, and the higher the temperature, the more conspicuous effect.

Environmental protection: Waterborne coating, pollution-free, strong anti-pollution energy, excellent weather resistance.

Durable: Service life-span 2 years.

Prolong life-span: Prolong life-span of motorcycle, electric scooter seat cover, safe and reliable, easy to use.

Item no. / Specs / Size		
MA22101	S	126 x 72 x 110cm 49.6" x 28.3" x 43.3"
MA22102	M	158 x 72 x 119cm 62.2" x 28.3" x 46.9"
MA22103	L	188 x 119 x 115cm 74.0" x 46.9" x 45.3"



Seat cover (motorcycle / electric scooter)



Strong cooling: The cooling effect is obvious under high temperature, and the higher the temperature, the more conspicuous effect.

Environmental protection: Waterborne coating, pollution-free, strong anti-pollution energy, excellent weather resistance.

Durable: Service life-span 3-5 years.

Prolong life-span: Prolong life-span of motorcycle, electric scooter seat cover, safe and reliable, easy to use.

Item no. / Specs / Size		
MA25101	S	60 x 37cm / 23.6" x 14.6"
MA25102	M	70 x 37cm / 27.5" x 14.6"



Contrast test for exposure of motorcycle bike and battery car seat cover



Test results: compared with the original leather and the strong cooling seat cushion, it can low down about 27°C.

COOLING OUTDOORS, MADE BY MINGFENG

Cooling outdoor products



Protective roof cover



- * Made of cooling material.
- * Includes straps and storage bag.



Item no. / Size	
MA27101	300 x 500cm 118.1" x 196.9"
MA27102	300 x 550cm 118.1" x 216.5"
MA27103	300 x 600cm 118.1" x 236.2"
MA27104	300 x 650cm 118.1" x 255.9"
MA27105	300 x 700cm 118.1" x 275.6"
MA27106	300 x 750cm 118.1" x 295.3"
MA27107	300 x 800cm 118.1" x 315.0"

RV windshield



- * Strong cooling: Under high temperature, the effective cooling of the car reaches 20°C~40°C, the higher the temperature, the more conspicuous effect.
- * Health protection: Inhibit the formation of harmful gases in the car, to keep the health of passengers.
- * Environmental protection: zero energy consumption, no emissions.

Item no. / Size	
MA17101	169 x 66 x 65.5cm 66.5" x 26.0" x 25.8"

RV front engine+side windows protective cover

- * Suitable for outdoor camping use.
- * Can be adjusted to the appropriate position through the elastic belt.
- * The front engine cover is foldable.
- * Includes straps and storage bag.



MA40101

We accept to produce according to customers' drawings and samples.



Cooling BIMINI top cover

- * Used cooling materials.
- * UV protection from sun damage.
- * Mold and mildew resistant.
- * Will not shrink or stretch.

Fitting size
A length of 183cm / 72.0"
Width vary from 137~262cm / 53.9"~103.1"
Height vary from 91~137cm / 35.8"~53.9"

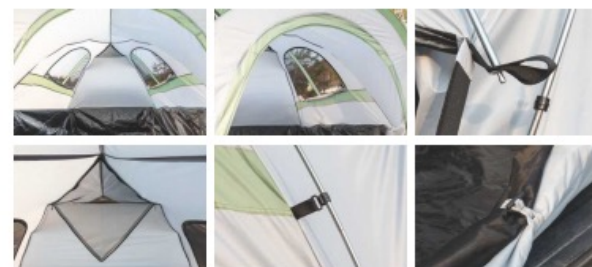


Truck tent

- * Use cooling materials.
- * Fits most truck models.
- * Avoid the hassle of cleaning the tent.
- * Unique buckle design will not scratch the paint.
- * Fixed rods in different colors are easy to install.
- * The hook at the top is easy for lighting in the tent.
- * Comes with storage bag for easy storage.



Item no. / Size / Color		
MA-1601	Fits truck size L: 152~158cm / 59.8"~62.2"	White
MA-1602	Fits truck size L: 170~176cm / 66.9"~69.3"	White
MA-1603	Fits truck size L: 183~192cm / 72.0"~75.6"	White
MA-1604	Fits truck size L: 195~204cm / 76.8"~80.3"	White
MA-1605	Fits truck size L: 244~249cm / 96.1"~98.0"	White





Four sided automatic tent

- * Suitable for outdoor leisure use.
- * New cooling fabric to reduce temperature.
- * Anti-mosquito gauze design to prevent flying insects from entering.
- * Dew-proof top cover design effectively isolates dew and mist invasion.
- * Waterproof floor mats to avoid moisture.
- * Open in one second, foldable storage, small size and light weight, easy to carry.

Item no. / Size / Color		
MA-2501	210 x 210 x 135cm 82.7" x 82.7" x 53.1"	White
MA-2502	240 x 240 x 155cm 94.5" x 94.5" x 61.0"	White



Hexagonal automatic tent

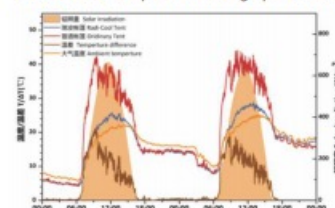
- * Suitable for outdoor leisure use.
- * New cooling fabric to reduce temperature.
- * Anti-mosquito gauze design to prevent flying insects from entering.
- * Dew-proof top cover design effectively isolates dew and mist invasion.
- * Waterproof floor mats to avoid moisture.
- * Open in one second, foldable storage, small size and light weight, easy to carry.

Item no. / Size / Color		
MA-2601	240 x 210 x 135cm 94.5" x 82.7" x 53.1"	White
MA-2602	280 x 240 x 155cm 110.2" x 94.5" x 61.0"	White

Refugee tent



Products with unique breakthrough performance



* Compared with ordinary tents, the internal temperature of cooling outdoor tents can be reduced by up to 20°C.

Item no. / Size / Color		
MA36101	210 x 210 x 140cm 82.7" x 82.7" x 55.1"	White/Blue
MA36102	210 x 210 x 180cm 82.7" x 82.7" x 70.9"	White/Blue

- * Using cooling material to keep the tent comfortable and cool.
- * Fold or unfold within 10 seconds.
- * Zipper design for easy entry and exit.
- * Waterproof floor mats to avoid moisture.
- * Comes with storage bag for easy storage.





Large tent

Retain the green shade under the burning sun.

Features: Block ultraviolet rays, easy to build, safe and reliable, durable.

Item no. / Size / Color		
MA38101	200 x 200cm / 78.7" x 78.7"	White
MA38102	300 x 300cm / 118.1" x 118.1"	White
MA38103	300 x 600cm / 118.1" x 236.2"	White



The temperature under the cooling tent is 38.6°C.
The temperature under ordinary tent is 42.9°C.
The difference between them is 4.3°C.



Cooling sunshade umbrella



MA30101

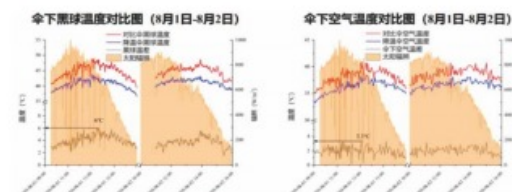
Retain the green shade under the burning sun.

Features: **Protect from UV, easy to stall, safe and reliable, durable.**



Common sunshade

Cooling sunshade umbrella



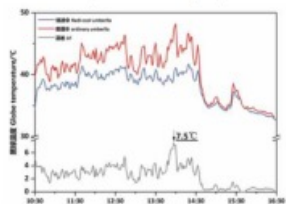
- * The temperature under umbrella can lowdown maximum 6°C.
- * The air temperature under the umbrella can be reduced by up to 3.3°C, to improve the comfort of people under the umbrella.

Cooling umbrella

The cooling umbrella can reflect most of the sun's heat and emit infrared rays to take away heat, passively cooling the surface of the umbrella and part of the area under the umbrella, making people feel comfortable when walking in the sun's weather. The cooling umbrella has excellent anti-ultraviolet performance, and the UV blocking rate is close to 100%, which can effectively protect the skin.

Features: **UV blocking, radiation cooling function, rain proof.**

Product unique breakthrough performance



Compared to regular material sun umbrella, the black ball temperature (mean radiant temperature) over the head is reduced by a maximum of 7.5°C that is positive effect to comfortable feeling.



Product performance standards: Q-RL024-2020



MA31101
Chinese styled cooling umbrella
(21 inch)



MA31102
Urban gentleman's cooling umbrella
(25 inch)



MA31103
Urban lady's cooling umbrella (21 inch)

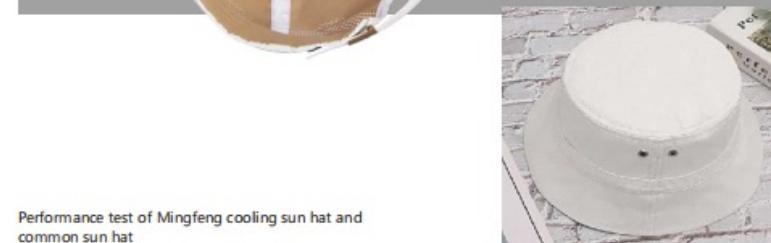


MA31104
Simple curved umbrella by hand (25 inch)

Cooling fabric hat

New sports products, suitable for outdoor sports, such as baseball, golf, fishing and so on. It can improve the sports head thermal environment, reduce the user's head temperature.

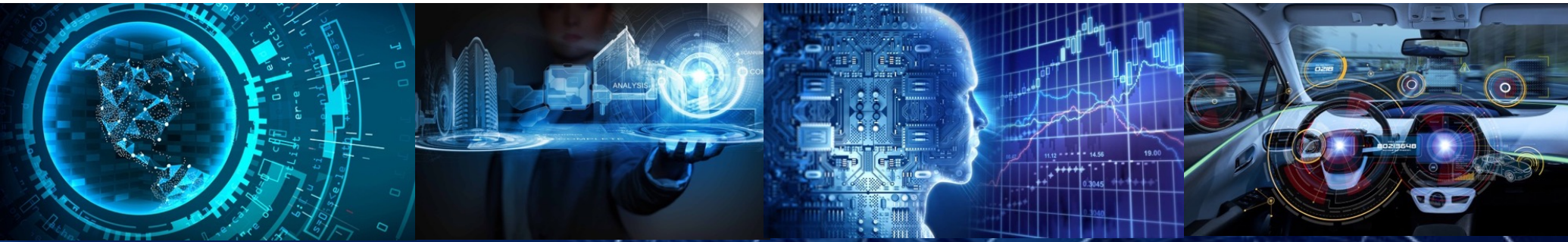
Features: **UV blocking, high efficiency cooling.**



Performance test of Mingfeng cooling sun hat and common sun hat



Mingfeng cooling sun hat Sun hat of some brand



Thank you !

DATA CONTROL SYSTEM

AU·EDGE

