



Thermal Solutions for **SMART TRAFFIC**  
Cooling Technology in Vehicle

Automotive application guide

[www.adda.com.tw](http://www.adda.com.tw)

# Cooling Technology in Vehicle



## Head Unit

AG4010、AB4510

## Amplifier

AG4010、AB6018



## LED Head Lights

AD4020GP、AG4020、AG5015

## Audio

AG4010、AB4510

## ADAS

AG4020GP

## Wireless Charger

AB4010

## Fragrance

AB6015、AD4010

## PM2.5 Detector

AG2010



## Cup Holder

AB6025

## Seat Cushion

AG5015



## Bus Air Condition

AG6025

## Driver Heating System

AG6025



Bus



High Speed Rail (THSR)



Truck



Vehicle-to-everything (V2X)

## Cup Holder

AB6025

## Seat Cushion

AG5015



Electric scooters



## Battery module system

AB7530、AB7630

## Charging pile / Station

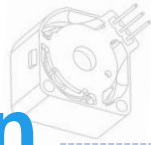
AD4028、AS12038、AB9733

## Converter

AD4020GP



Contact us to find out more about our thermal solutions and custom design capabilities.



# Axial Fan

ADDA is committed to the professional design and manufacture of diverse cooling fans and modules, providing innovative and efficient cooling solutions. Follow the international vehicle regulations, quality system verification and control; Adda can meet the strict requirements of the smart vehicle safety system.

## STABLE & VENTILATION

IATF 16949 CERTIFICATION

- APQP / FEMA / MSA / PPAP / SPC CAPABLE

FOLLOW VDA 6.3 / VDA 6.5 GUIDELINES

AEC-Q100 / Q101 / Q200 CERTIFICATION

ANSI/ESD S20.20 CERTIFICATION

AUTOMOTIVE DEDICATED LINE

CONTINUOUS IMPROVEMENT TEAM

Customization

Fan type	FUCITION	Rated voltage (VDC)	Speed (RPM)	Bearing	IP Protection	Operating Temperature(°C)	APPLICATION
AG2010	RD/FG	5V	5500	Hypro	IP52/ IP55	-40~85	PM 2.5 Detector
AD4010	RD/FG/PWM	12V	5000	Ball Bearing/Hypro	IP52/ IP55	-20~85	Fragrance
AG4010	RD/FG/PWM	12V	6000	Ball Bearing/Hypro	IP52/ IP55	-40~85	Amplifier/Audio
AD4020GP	RD/FG/PWM	13.5V	8200~9000	Ball Bearing	IP52/ IP55 / IP68	-40~90	Converter
AD4020GP	RD/FG/PWM	13.5V	8200~9000	Ball Bearing	IP52/ IP55 / IP68	-40~105	LED Head Lights/ADAS
AG4020	RD/FG/PWM	14V	8500	Ball Bearing	IP52/ IP55 / IP68	-40~105	LED Head Lights
AD4028	RD/FG/PWM	12V	16000	Ball Bearing	IP52/ IP55 / IP68	-40~70	Charging Station
AG5015	RD/FG/PWM	13.5V	4800~5400	Ball Bearing	IP52/ IP55 / IP68	-40~85	Seat Cushion
AG5015	RD/FG/PWM	13.5V	4800~5400	Ball Bearing	IP52/ IP55 / IP68	-40~105	LED Head Lights
AG6025	RD/FG/PWM	24V	7200	Ball Bearing	IP52/ IP55 / IP68	-40~90	Air Condition / Driver Heating System
AS12038	RD/FG/PWM	12V	6000	Ball Bearing	IP52/ IP55 / IP68	-40~70	Charging Station



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ADDA can as well meet automotive applications of 5G technology; provide higher performance for vehicle system cooling while reducing power consumption and noise with excellence and stability.



# Blower

Customization

Fan type	FUCITION	Rated voltage (VDC)	Speed (RPM)	Bearing	IP Protection	Operating Temperature(°C)	APPLICATION
AB4010	RD/FG/PWM	12V	5250	Hypro	IP52/ IP55	-20~85	Wireless Charger
AB4510	RD/FG/PWM	12V	5500	Ball Bearing/Hypro	IP52/ IP55	-40~85	Amplifier/Audio
AB6015	RD/FG/PWM	12V / 13.5V	3,500	Ball Bearing	IP52/ IP55	-40~90	Fragrance
AB6018	RD/FG/PWM	12V	5400	Ball Bearing	IP52/ IP55	-40~85	Amplifier
AB6025	RD/FG/PWM	12V	3650	Ball Bearing	IP52/ IP55 / IP68	-40~85	Cup Holder
AB7530	RD/FG/PWM	12V	4500	Ball Bearing	IP52/ IP55 / IP68	-40~85	Battery module system
AB7630	RD/FG/PWM	12V	4500	Ball Bearing	IP52/ IP55 / IP68	-40~85	Battery module system
AB9733	RD/FG/PWM	24V	4600	Ball Bearing	IP52/ IP55 / IP68	-40~70	Charging Station

