

► **Be our FANs!!**

ADDA corporation was established in Taiwan since 1978. We focus on thermal solutions, especially with cooling fans and thermal modules.



ADDA corporation

Company Profile Presentation

2025 PRODUCT ROADMAP

Energy Storage System



AS8038
80x80x38 mm

AS12038
120x120x38 mm



Stable Cooling, Protecting the Core of Power

- High-efficiency fan system to maintain optimal operating temperatures for energy storage equipment.



Photovoltaics

AS9238
92x92x38 mm



All-Weather Operation, Stable and Continuous

- Weather-resistant fan, ideal for harsh outdoor environments.

EVSE

Electric Vehicle Supply Equipment

AD4020
40x40x20 mm



Efficient Cooling for a Greener Future

- High-performance thermal management
- Ensures long-lasting and reliable operation of EV charging systems



ADDA CORPORATION



EV Battery Module

AB7530
75x75x30 mm



Core Cooling Solution for Battery Thermal Management

- Precision fan design
- Enhances overall EV energy efficiency and safety through effective heat dissipation

Ventilated Car Seat

AB10023

100x100x23 mm

Precision Cooling for Enhanced Seating Comfort

- Designed for harsh in-vehicle environments
- Maintains long-term cooling efficiency without performance drop



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ADAS Advanced Driver Assistance Systems

AB6015

60x60x15 mm



Reliable Cooling to Protect Critical ADAS Operations

- High-reliability fan design
- Ensures stable performance of control modules

Car Refrigerator



AD9225
92x92x25 mm

AD12025
120x120x25 mm



High-Efficiency Cooling, On-the-Go Refrigeration

- Smart speed control system, ensures stable operation while saving energy and staying quiet.



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Car Wireless Charger

AB4510
45x45x10 mm



Stable Cooling, Prolongs Equipment Lifespan

- Smart fan design ensures long-term efficient operation of wireless charging equipment.

Automobile Lights

AD4020
40x40x20 mm



High Reliability with All-Weather Cooling Performance

- Withstands cold and heat for consistent light performance
- Ensures stable operation in varying environmental conditions



ADDACORPORATION



CUP Holder

AB6025
60x60x25 mm



AB7530
75x75x30 mm



Silent Operation, Undisturbed Comfort

- Ultra-low noise rotation
- Specifically designed for in-vehicle personal climate control

Cooling Technology in Vehicle



Head Unit

AG4010 · AB4510

Amplifier

AG4010 · AB6018



LED Head Lights

AD4020GP · AG4020 · AG5015



Customized thermal modules

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)



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.

Series	Type	Function	Voltage	Bearing	IP Protection	Application
20x20x10	Axial	RD/FG/PWM	5V/12V	Ball Bearing/Sleeve	52/55	PM2.5 Air Quality Sensor
40x40x10	Axial	RD/FG/PWM	5V/12V/24V	Ball Bearing/Sleeve	52/55	Aroma Diffuser / Speaker / Amplifier
40x40x20	Axial	RD/FG/PWM	5V/12V/13.5V/14V/24V	Ball Bearing/Sleeve	52/55/68	Converter / LED Headlamp / ADAS
40x40x28	Axial	RD/FG/PWM	12V/24V	Ball Bearing	52/55/68	Charging Station
50x50x15	Axial	RD/FG/PWM	5V/12V/13.5V/24V	Ball Bearing/Sleeve	52/55/68	LED Headlamp Defogger / Headlamp / ADAS
60x60x25	Axial	RD/FG/PWM	5V/12V/24V/48V	Ball Bearing/Sleeve	52/55/68/ Salt Spray Proof	Bus Air Conditioner
120x120x38	Axial	RD/FG/PWM	12V/24V/48V	Ball Bearing/Sleeve	52/55/68/ Salt Spray Proof	Charging Station
Series	Type	Function	Voltage	Bearing	IP Protection	Application
40x40x10	Blower	RD/FG/PWM	12V	Sleeve	52/55	Wireless Charger
45x45x10	Blower	RD/FG/PWM	5V/12V	Ball Bearing/Sleeve	52/55	Speaker / Amplifier
60x60x15	Blower	RD/FG/PWM	12V/13.5V	Ball Bearing	52/55	Aroma Diffuser
60x60x18	Blower	RD/FG/PWM	12V	Ball Bearing	52/55	Amplifier
60x60x25	Blower	RD/FG/PWM	12V	Ball Bearing	52/55/68	Cup Holder
75x75x30	Blower	RD/FG/PWM	12V	Ball Bearing	52/55/68	Battery Module System
76x76x30	Blower	RD/FG/PWM	12V	Ball Bearing	52/55/68	Battery Module System
97x97x33	Blower	RD/FG/PWM	12V/24V	Ball Bearing	52/55/68	Charging Station

Smart Grid & Energy Applications

Renewable Energy Systems / Smart Power
Monitoring Systems & Equipment / Energy
Storage Systems & Big Data Analytics

Customized thermal modules



PV inverter – AD5015 / AD5020 / AG6015 / AD6025 / AD7025 / AC12038 /
AD17251

Solar Energy Storage Station - AD6025 / AS8038-5BB2 / AS9238-5 / AS12038 /
AS12038-NEW / AS14038

Telecommunication Base Station - AS8038-5BB2 / AS12038 / AS14038-NEW



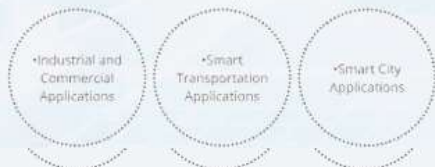
Series	Type	Function	Voltage	Bearing	IP Protection	Application
50x50x15	Axial	RD/FG/PWM	5V/12V/13.5V/24V	Ball Bearing/Sleeve	52/55	Solar Inverter
50x50x20	Axial	RD/FG/PWM	12V/24V	Ball Bearing/Sleeve	52/55	Solar Inverter
60x60x15	Axial	RD/FG/PWM	12V/24V	Ball Bearing/Sleeve	52/55	Solar Inverter
60x60x25	Axial	RD/FG/PWM	5V/12V/24V/48V	Ball Bearing/Sleeve	52/55/68/ Salt Spray Proof	Solar Energy Storage Station / Charging Pile / Solar Inverter
70x70x25	Axial	RD/FG/PWM	12V/24V	Ball Bearing/Sleeve	52/55	Solar Inverter
80x80x38	Axial	RD/FG/PWM	12V/24V/48V	Ball Bearing	52/55/68/ Salt Spray Proof	Solar Energy Storage Station / Charging Pile / Transmission Station
92x92x38	Axial	RD/FG/PWM	12V/24V/48V	Ball Bearing	52/55/68	Solar Energy Storage Station / Charging Pile / Transmission Station
120x120x38	Axial	RD/FG/PWM	12V/24V/48V	Ball Bearing/Sleeve	52/55/68/ Salt Spray Proof	Solar Energy Storage Station / Charging Pile / Transmission Station
120x120x38	Axial	NA	AC115V/230V	Ball Bearing/Sleeve	55	Solar Inverter
140x140x38	Axial	RD/FG/PWM	12V/24V/48V	Ball Bearing	52/55/68	Solar Energy Storage Station / Charging Pile
172x172x51	Axial	RD/FG/PWM	12V/24V/48V	Ball Bearing	52/55	Solar Inverter

Structure of Photovoltaic and Energy Storage Systems

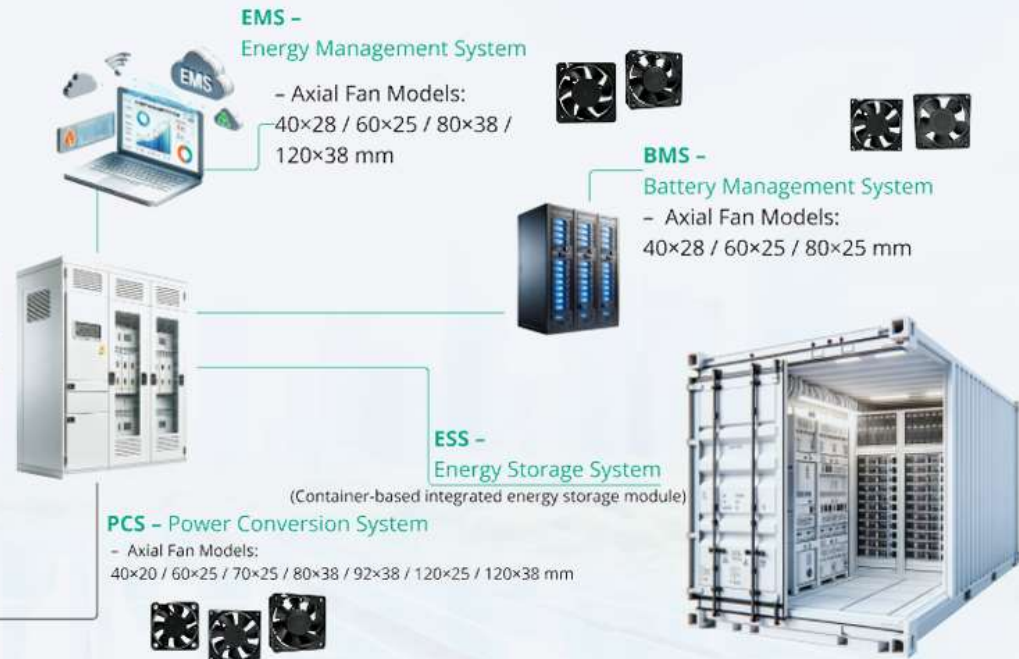
Photovoltaic Equipment Application



End User Applications



Energy Storage Equipment Application



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Recommended Models

AD4010 / AD5010 / AS8038 / AG8025 /
AG12025 / AG12038 / AS12038



AD4010



FAN SIZE : 40x40x10 mm

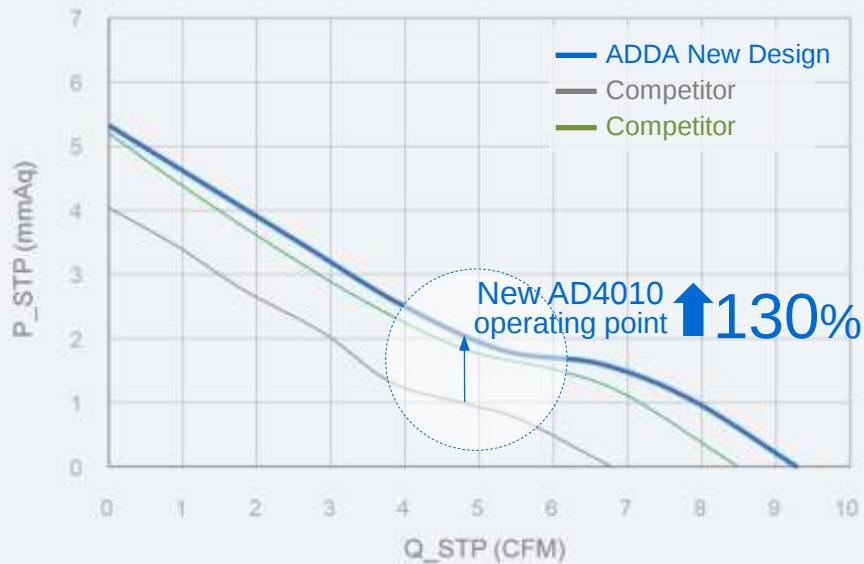
New design

- ▶ Air-Flow ↑37.2%
- ▶ Pressure ↑31.6%
- ▶ Operating Point ↑2 times for thermal effect

Application :
Router WIFI 7
Photovoltaics
Charging station



PQ curve of new AD4010 compared to others



Model	Competitor	ADDA new	Competitor
Voltage (V)	12	12	
Current (A)	0.085	0.07	0.09
Power (W)	1.02	0.84	0.96
Speed (rpm)	6600	8000	8000
Pressure (mmAq)	4.04	5.32	5.20
Air flow (CFM)	6.76	9.28	8.46
Noise dB(A)	31.8	31.2	32.1
Protection	IP55	IP55	IP55

AD5010



FAN SIZE : 50x50x10 mm

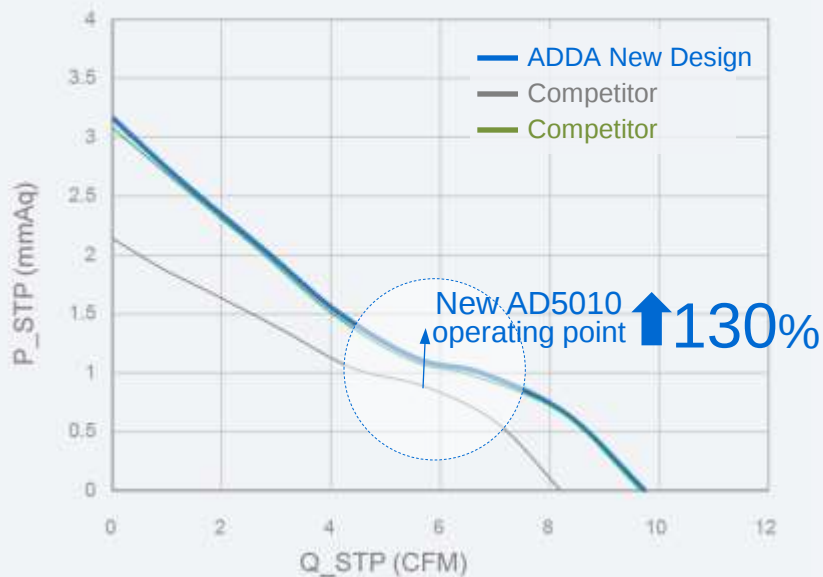
New design

- ▶ Air-Flow $\uparrow$ 18.6%
- ▶ Pressure $\uparrow$ 27.9%
- ▶ Operating Point $\uparrow$ 1.4 times for thermal effect

Application :
Router WIFI 7
Photovoltaics
Charging station



PQ curve of new AD5010 compared to others



Model	Competitor	ADDA new	Competitor
Voltage (V)	12	12	
Current (A)	0.06	0.06	0.06
Power (W)	0.72	0.72	0.72
Speed (rpm)	4300	5500	5500
Pressure (mmAq)	2.14	3.16	3.08
Air flow (CFM)	8.2	9.73	9.65
Noise dB(A)	27.4	26.9	26
Protection	IP55	IP55	IP55

AG8025



FAN SIZE : 80x80x25 mm

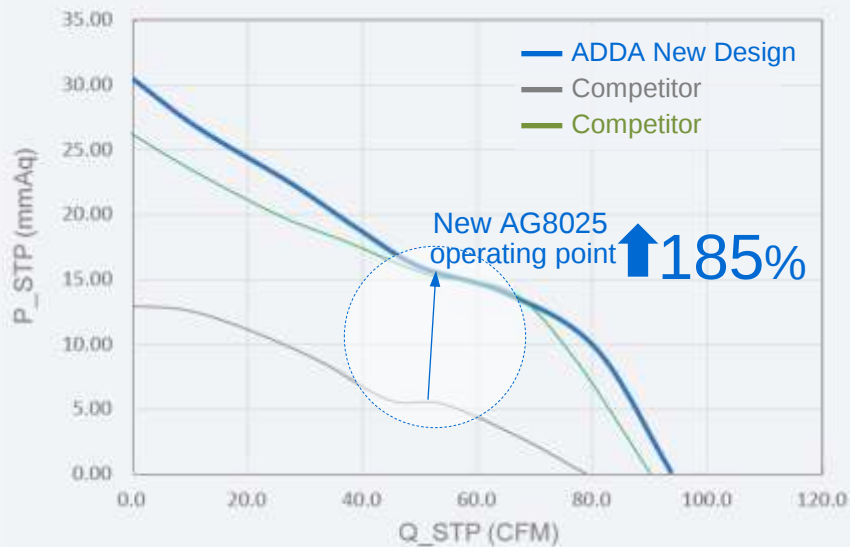
New design

- ▶ Air-Flow $\uparrow$ 18.9%
- ▶ Pressure $\uparrow$ 1.35 times
- ▶ Operating Point $\uparrow$ 1.85 times for thermal effect

Application :
Energy storage system
Photovoltaics



PQ curve of new AG8025 compared to others



Model	Competitor	ADDA new	Competitor
Voltage (V)	12	12	12
Current (A)	0.85	1	0.98
Power (W)	10.16	11.95	11.71
Speed (rpm)	5600	9000	9000
Pressure (mmAq)	12.96	30.95	26.28
Air flow (CFM)	78.82	93.72	90.39
Noise dB(A)	56.9	59.4	60.7
Protection	IP55	IP68	-

AS8038



FAN SIZE : 80x80x38 mm

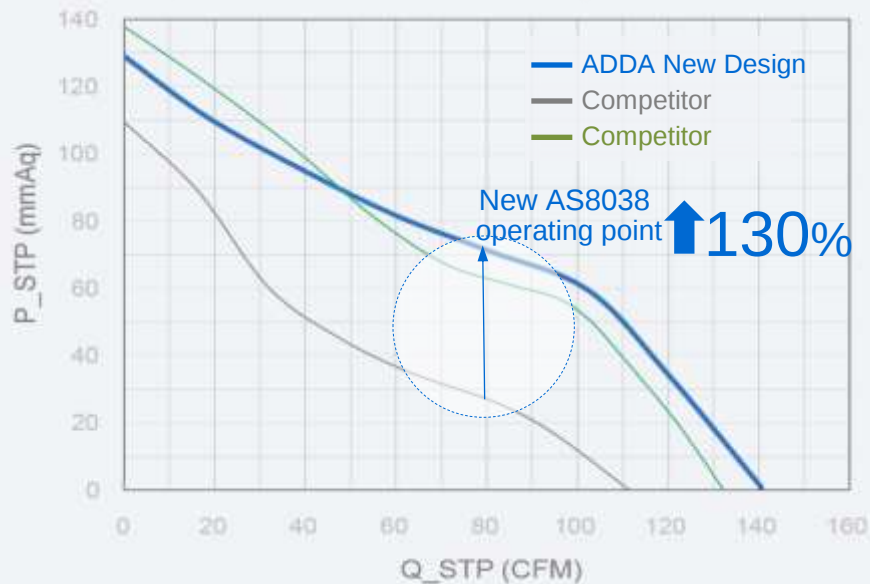
New design

- ▶ Air-Flow $\uparrow 26.4\%$
- ▶ Pressure $\uparrow 17.8\%$
- ▶ Operating Point $\uparrow 1.3$ times for thermal effect

Application :
Energy storage system
Photovoltaics
Charging station



PQ curve of new AS8038 compared to others



Model	Competitor	ADD A new	Competitor
Voltage (V)	12	12	12
Current (A)	2.6	4.5	3.5
Power (W)	30.7	54.28	42
Speed (rpm)	16000	16000	16100
Pressure (mmAq)	109.51	128.98	137.67
Air flow (CFM)	111.26	140.63	132
Noise dB(A)	70.2	70.1	73
Protection	IP68	IP68 / GR487	IP68

AG12025

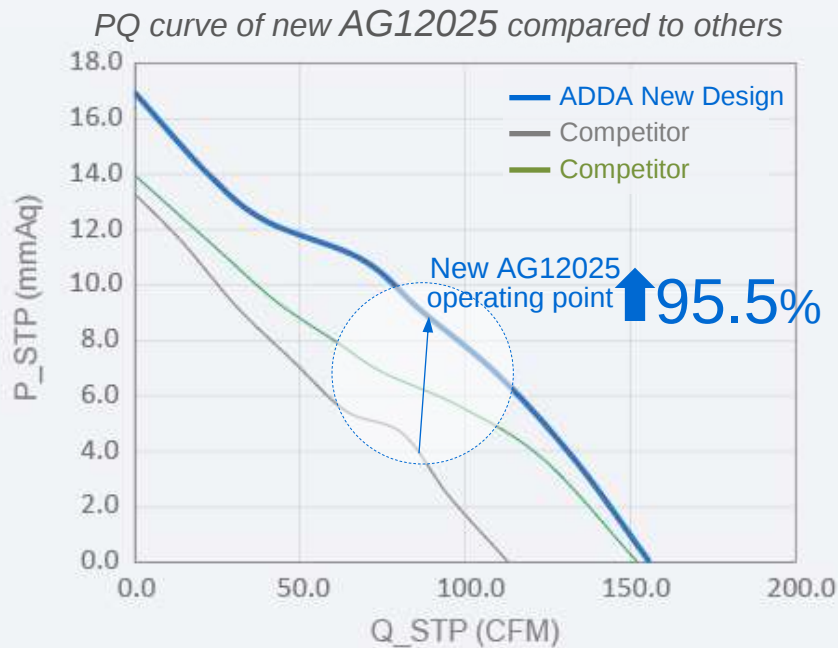


FAN SIZE : 120x120x25 mm

New design

- ▶ Air-Flow ↑37.9%
- ▶ Pressure ↑28.3%
- ▶ Operating Point ↑95.5% for thermal effect
- ▶ Noise ↓ 2.22%

Application :
 Energy storage system
 Photovoltaics
 Charging station



Model	Competitor	ADDA new	Competitor
Voltage (V)	24	24	24
Current (A)	0.46	0.493	0.45
Power (W)	11.04	11.84	10.8
Speed (rpm)	4100	5100	4400
Pressure (mmAq)	13.21	16.95	13.97
Air flow (CFM)	112.8	155.59	152.2
Noise dB(A)	53.9	52.7	54.5
Protection	IP55	IP68	-

AS12038



FAN SIZE : 120x120x38 mm

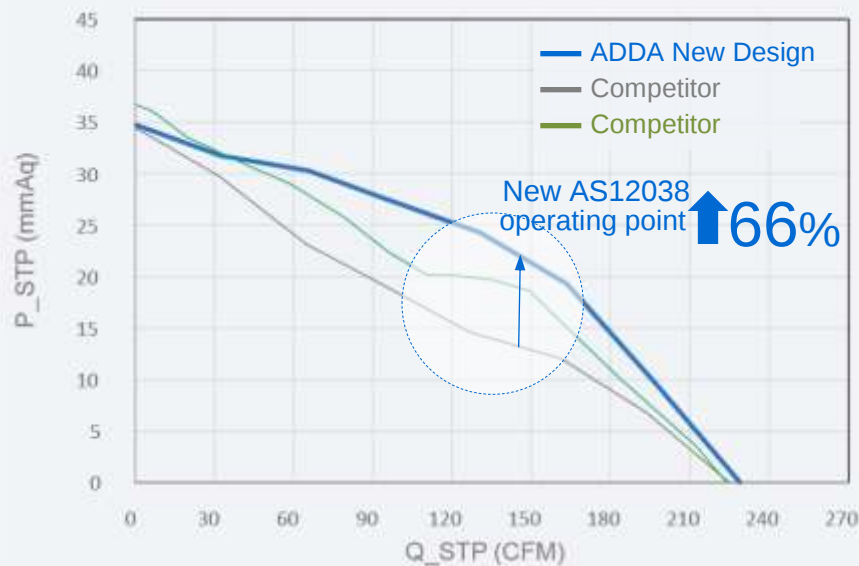
New design

- ▶ Air-Flow $\uparrow$ 1.8%
- ▶ Noise $\downarrow$ 2.5%
- ▶ Operating Point $\uparrow$ 66% for thermal effect

Application :
Energy storage system
Photovoltaics
Charging station



PQ curve of new AS12038 compared to others



Model	Competitor	ADDA new	Competitor
Voltage (V)	24	24	24
Current (A)	1.49	1.87	1.5
Power (W)	35.7	44.84	36
Speed (rpm)	6000	6900	6400
Pressure (mmAq)	34.48	34.74	36.71
Air flow (CFM)	224.96	229.04	224
Noise dB(A)	67.7	66	64
Protection	IP68	IP68 / GR487	IP68

AG12038



FAN SIZE : 120x120x38 mm

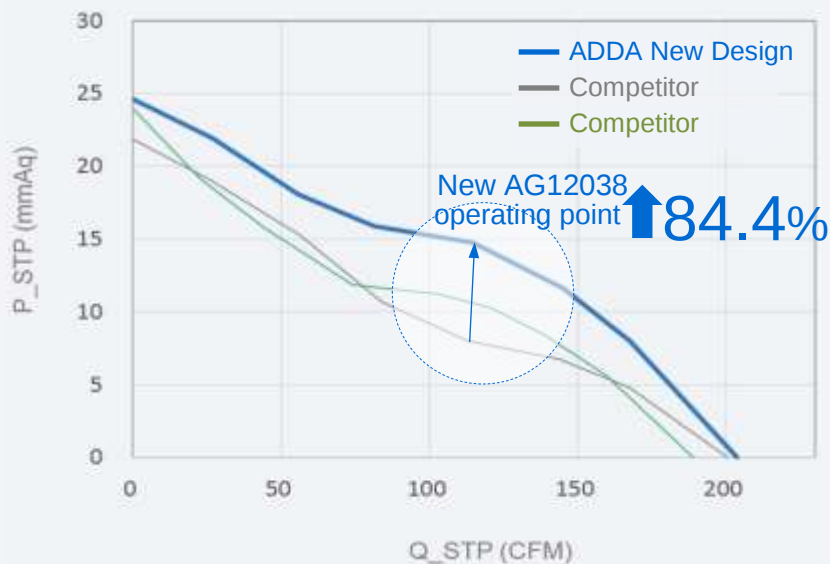
New design

- ▶ Air-Flow $\uparrow$ 1.57%
- ▶ Pressure $\uparrow$ 12.6%
- ▶ Operating Point $\uparrow$ 84.4% for thermal effect
- ▶ Noise $\downarrow$ 4%

Application :
Energy storage system
Photovoltaics
Charging station



PQ curve of new AG12038 compared to others



Model	Competitor	ADDA new	Competitor
Voltage (V)	24	24	24
Current (A)	1.01	0.81	0.74
Power (W)	24.22	19.55	17.76
Speed (rpm)	4700	5500	5000
Pressure (mmAq)	21.86	24.62	23.96
Air flow (CFM)	200.58	203.73	188.9
Noise dB(A)	62.5	60	60
Protection	IP55	IP68	-

Thank You !

Much more can be learnt from our website
www.adda.com.tw

ADDA video

