

SPECIFICATION FOR APPROVAL

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

TO : _____
REF. No. _____

APPROVED DATE _____	CHECKED DATE _____	PREPARED DATE _____
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MODEL No. AD1212US-A70GL P.S. (T)

DESCRIPTION: DC FAN (RoHS) REV. A

ID No. _____

THIS OFFER IS MADE ACCORDING TO YOUR CURRENT INQUIRY.
UNLESS OTHERWISE REVISED, THIS SPECIFICATION WILL BE FINAL FOR
ALL FUTURE PRODUCTION OF ORDERS FROM YOUR RESPECTED COMPANY

KINDLY STUDY IN DETAILS AND RETURN TO US THE DUPLICATE DULY
SIGNED AS YOUR CONFIRMATION OF SAME.



ADDA CORP.
REGISTERED TO ISO 9001
ISO/TS 16949
CERTIFICATE NO.A8035



ADDA CORPORATION

D A T A - S H E E T

Engineering

BRUSHLESS AXIAL COOLING FANS.

Printed on: 07/09/28

Customer	:		Ref: (RoHS)
ADDA Model No.	:	AD1212US-A70GL	P.S:(T)
Samples attached	:	piece(s)	
Safety Approval	:	UL,CUL,TUV,CE	
Specifications			
=====			
ITEM	SPECIFICATION / CONDITION		

DIMENSIONS	:	120x120x25	MM
BEARING TYPE	:	SLEEVE	
RATED VOLTAGE	:	12.0	VDC
OPERATING VOLTAGE RANGE	:	10.8 VDC - 13.2	VDC
START-UP VOLTAGE	:	7.0	VDC, NOMINAL
RATED CURRENT	:	0.500	Amp. + 10% MAX
RATED POWER	:	6.00	Watt.
RATED SPEED	:	2500	RPM \pm 10%
AIR FLOW	:	98.6	CFM
STATIC AIR PRESSURE	:	0.179	Inch Water
NOISE LEVEL	:	43.3	dB/A
MOTOR PROTECTION	:	BY IC	
CONNECTION LEAD TYPE	:	WIRE	,AWG#24
LIFE EXPECTANCY	:	30000	Hours at 40°C / 65%
NET WEIGHT	:	156	Gram.
PACKING	:	60	pcs. per Export Carton
Unless otherwise stated, the relative humidity is 65%, and the temperature is 40°C for the standard testing.			
Should you have any doubt, please refer to the environmental conditions specified in the acknowledgement document.			
ADDA CORPORATION	Model No.:	AD1212US-A70GL	P.S:(T)
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SPECIFICATION

1.0 SCOPE

- 1.1 If the information or other related document is inconsistent with this acknowledgement document, please refer to the acknowledge document.
- 1.2 This documentation defines the mechanical & electrical characteristics of DC brushless fans.
- 1.3 The specification of this product is described in details in the acknowledgement document. No guarantee is given to our product under the use of over specifications.
- 1.4 For any change or amendment to the specifications, such change will be noticed in writing beforehand.
- 1.5 If the product is used on the MIS system, please specify the specification in the purchase order.

2.0 MATERIAL

- 2.1 Frame : UL94V-0 Glass Filled polyester (P.B.T)
- 2.2 Fan Blade : UL94V-0 Glass Filled polyester (P.B.T)
- 2.3 Bearing Sys. : (V) Sleeve, oil impregnated.
() Two Ball Bearing
() One Ball one Sleeve
() Hypro Bearing
() FDB Bearing
- 2.4 RoHS : (V) YES

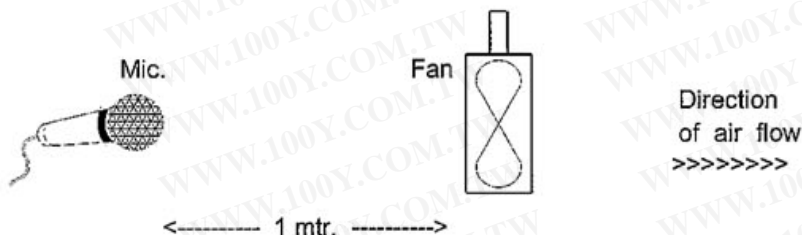
3.0 DIMENSIONS & CONSTRUCTION

All dimensions, Direction of rotation and air flow were specified as per drawing attached.

4.0 CHARACTERISTICS & DEFINITION

- 4.1 All rated characteristics were specified as per data sheet enclosed.
- 4.2 Rated Current : Rated Current shall be measured after 3 minutes of continuous rotation at rated voltage.
- 4.3 Rated Speed : Rated Speed shall be measured after 3 minutes of continuous rotation at rated voltage.
- 4.4 Start Voltage : The voltage which is able to start the fan to operate by suddenly switching 'ON'.
- 4.5 Input Power : Input Power shall be measured after 3 minutes of continuous rotation at rated voltage.
- 4.6 Locked Rotor Current : Locked current shall be measured within one minute of rotor locked, after 3 minutes of continuous rotation at rated voltage in clean air.
- 4.7 Air Flow & Static Pressure : The air flow data and static pressures should be determined in accordance with AMCA standard or DIN24163 specification in a doublechamber testing with intake - side measurement.
- 4.8 Noise Level : The measurement of noise level is carried out with reference to CNS8753 in an anechoic chamber with the microphone positioned 1 meter from the air intake. Testing fan shall be hung in clean air.

NOISE LEVEL MEASUREMENT



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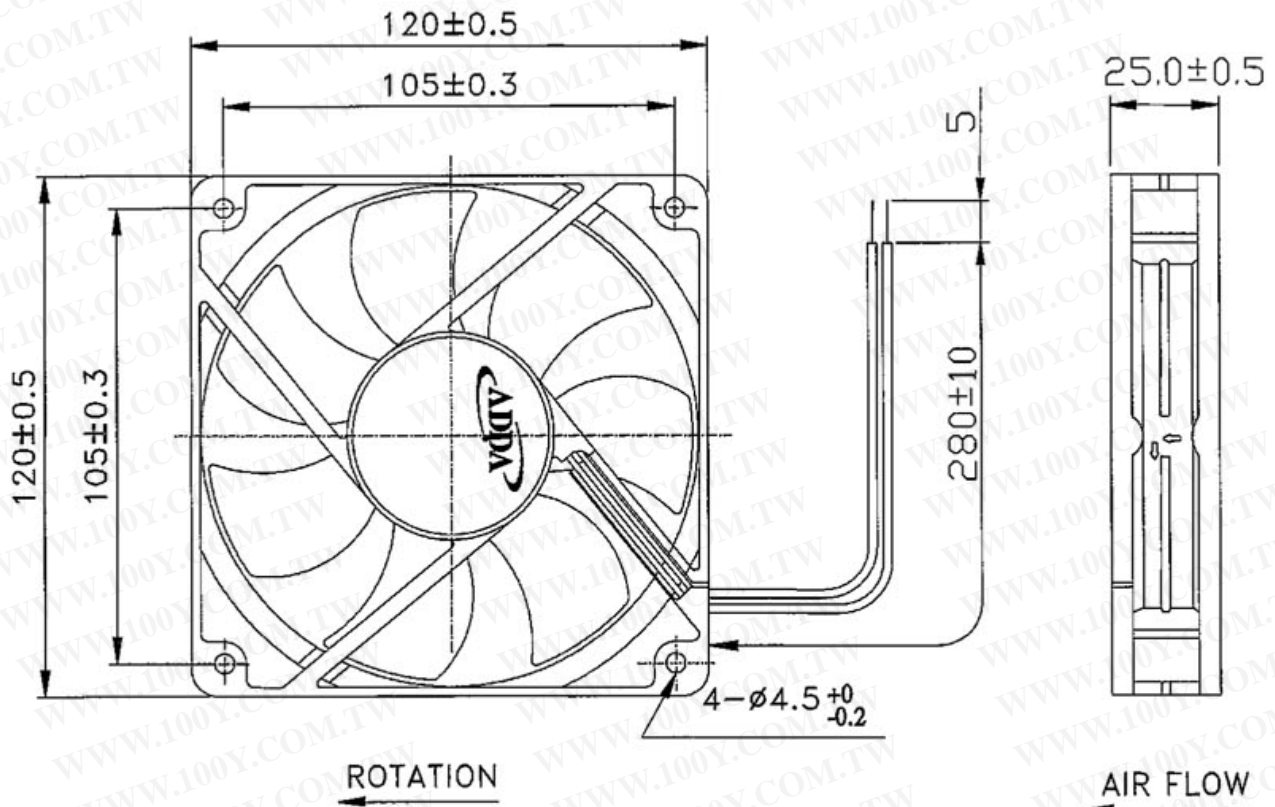
8.0 REMARKS

- 8.1 Material and construction are subject to change without advance notice. The changes should be within specification.
- 8.2 All fans shall meet the quality inspection under sampling plan MIL-STD-105E as follow:

Critical	0.25%
Major	1.00%
Minor	2.50%

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9.0 OUTLINE STYLING & DIMENSIONS



LEAD WIRES : UL 1007, AWG24, L = 280 +/- 10 MM
Red = positive ; Black = negative.

10.0 Notes:

- 10.1 Please do not touch and push Fan Blade with fingers or others, fan blade and sleeve bearings may be damaged and it causes noise defect.
- 10.2 Do not carry the fan by its lead wires.
- 10.3 If the fan does not have the polarity protection function, the connection of the colored wires should be red + red, and black + black, or else the fan will be damaged in no time.
- 10.4 For the models without reverse connection of polarity protection, please do not connect the lead wire in reverse