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## ***VERIFICATION OF COMPLIANCE***

Verification No.: SHEM150700253301HSC  
Applicant: Nanjing TICA Air-conditioning Co., Ltd.  
Address of Applicant: Heng Ye Road, No. 6, Nanjing Economic and Technological Development Zone, Nanjing, Jiangsu, PRC, 210033  
Product Description: Inverter multi-connected air-condition unit  
Model No.: TIMS220AX, TIMS200AX, TIMS180AX, TIMS160AX, TIMS140AX, TIMS120AX, TIMS100AX, TIMS080AX  
Sufficient samples of the product have been tested and found to be in conformity with  
Test Standard: EN 61000-6-4:2007+A1:2011  
EN 61000-6-2:2005  
as shown in the  
Test Report Number(s): SHEM150700253301

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and Directive 2004/108/EC. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

The current EMC (Electromagnetic Compatibility) Directive (2004/108/EC) will be replaced with EMC Directive 2014/30/EU that will come effective on 20th April 2016. The testing samples of the product are in accordance with technical requirements of the EMC Directive (2014/30/EU). The Technical documentation, Declaration of Conformity, markings etc. shall be brought into line with EMC Directive (2014/30/EU). The manufacturer shall be aware about obligations of the manufacturer as stated in the Chapter 2 Article 7 of the EMC Directive (2014/30/EU). The affixing of the CE marking presumes in addition that the conditions in annexes II and III of the directive are fulfilled and proven with the Declaration of Conformity signed by the manufacturer.



Parlam Zhan  
E&E Section Manager  
SGS-CSTC (Shanghai) Co., Ltd.

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Note: You may contact us to validate this document by email address: [ee.shanghai@sgs.com](mailto:ee.shanghai@sgs.com)



## VERIFICATION OF COMPLIANCE

No.: LVD SHES180600599701HSC


Applicant: Nanjing TICA Climate Solutions Co., Ltd.  
6 Heng Ye Road, Nanjing Economic and Technological  
Development Zone, Nanjing 210033 Jiangsu, China

Manufacturer: Same as applicant

Product Name: Inverter multi-connected air-conditioner

Product Description: Air-conditioner

Model No.: See page 2

Trade Mark: 

Rating: See page 2 to page 5

Protection against Electric Shock: Class I

Degree of Protection: Outdoor unit: IPX4

Additional Information: None

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN 60335-2-40:2003 + A11:2004 + A12:2005 +  
A1:2006 + A2:2009 + A13:2012  
EN 60335-1:2012 + A11:2014 + A13:2017  
EN 62233:2008

as shown in the

Test Report Number(s): SHES180600599701

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



Andrew Zhai

Laboratory Technical Manager  
SGS-CSTC



2019-08-28

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No.:

LVD SHES180600599701HSC

Other information added:

Model name:

Outdoor unit:

TIMS\*\*\*AXA (\*\*\*=080, 100, 120, 140, 160, 180, 200, 220, 240, 260, 280, 300, 320);

TIMS\*\*\*AHT (\*\*\*=100, 125, 140, 160, 180)

Indoor unit:

TMCF\*\*\*AB (\*\*\*=028, 036, 045, 050, 056, 063, 071, 080, 090, 100, 112, 125, 140, 160);

TMCS\*\*\*A (\*\*\*=028, 036, 045, 056, 071);

TMCD\*\*\*A (\*\*\*=028, 036, 045, 056, 071, 080, 090, 100, 112, 125, 140);

TMDN\*\*\*AB (\*\*\*=022, 025, 028, 032, 036, 040, 045, 050, 056, 063, 071, 080, 090, 100, 112, 140, 160);

TMDN\*\*\*AC (\*\*\*=022, 025, 028, 032, 036, 040, 045, 050, 056, 063, 071);

TMDH\*\*\*AB (\*\*\*=100, 112, 125, 140);

TMDH\*\*\*BI (\*\*\*=200, 250, 335, 400, 450, 500, 560, 615);

TMVW\*\*\*AB (\*\*\*=028, 036, 040, 056, 063, 071);

TMVX\*\*\*A (\*\*\*=028, 036, 056, 071, 090, 112, 125, 140)

## Rating:

Outdoor unit: 50 Hz; Class I; IPX4

TIMS\*\*\*AXA: 380 V – 415 V, 3N;

Model name	Rated current	Rated power	Mass of refrigerant
***=080	17,6 A	9,5 kW	R410A / 8,0 kg
***=100	18,6 A	10,2 kW	R410A / 8,0 kg
***=120	28,4 A	14,8 kW	R410A / 10,0 kg
***=140	35,2 A	17,8 kW	R410A / 12,0 kg
***=160	39,2 A	21,5 kW	R410A / 12,0 kg
***=180	43,2 A	24,5 kW	R410A / 12,0 kg
***=200	49,5 A	27,8 kW	R410A / 16,0 kg
***=220	52,0 A	29,5 kW	R410A / 16,0 kg
***=240	53,5 A	30,5 kW	R410A / 16,0 kg
***=260	54,5 A	26,64 kW	R410A / 18,0 kg
***=280	57,65 A	28,92 kW	R410A / 22,0 kg
***=300	60,90 A	31,68 kW	R410A / 22,0 kg
***=320	64,66 A	33,60 kW	R410A / 22,0 kg

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No.:

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TIMS\*\*\*AHT: 220 V – 240 V;

Model name	Rated current	Rated power	Mass of refrigerant
***=100	32,0 A	6,0 kW	R410A / 2,5 kg
***=125	32,0 A	6,0 kW	R410A / 2,5 kg
***=140	36,0 A	7,0 kW	R410A / 3,0 kg
***=160	36,0 A	7,0 kW	R410A / 3,0 kg
***=180	36,0 A	7,0 kW	R410A / 4,0 kg

**Indoor unit:**

TMCF\*\*\*AB:

Model name	Rated current	Rated power
***=028	0,250 A	55 W
***=036	0,250 A	55 W
***=045	0,318 A	70 W
***=050	0,318 A	70 W
***=056	0,341 A	75 W
***=063	0,341 A	75 W
***=071	0,409 A	90 W
***=080	0,409 A	90 W
***=090	0,682 A	150 W
***=100	0,682 A	150 W
***=112	0,682 A	150 W
***=125	0,864 A	190 W
***=140	0,864 A	190 W
***=160	0,954 A	210 W

TMCS\*\*\*A:

Model name	Rated current	Rated power
***=028	0,182 A	40 W
***=036	0,182 A	40 W
***=045	0,205 A	45 W
***=056	0,205 A	45 W
***=071	0,277 A	50 W

TMCD\*\*\*A:

Model name	Rated current	Rated power
***=028	0,273 A	60 W
***=036	0,282 A	62 W
***=045	0,309 A	68 W
***=056	0,386 A	85 W
***=071	0,427 A	94 W
***=080	0,445 A	98 W
***=090	0,586 A	129 W
***=100	0,614 A	135 W
***=112	0,795 A	175 W

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No.:

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***=125	0,841 A	185 W
***=140	1,218 A	268 W

TMDN\*\*\*AB:

Model name	Rated current	Rated power
***=022	0,237 A	60 W
***=025	0,237 A	60 W
***=028	0,237 A	60 W
***=032	0,364 A	80 W
***=036	0,364 A	80 W
***=040	0,364 A	80 W
***=045	0,432 A	95 W
***=050	0,432 A	95 W
***=056	0,432 A	95 W
***=063	0,432 A	95 W
***=071	0,655 A	144 W
***=080	0,773 A	170 W
***=090	1,045 A	230 W
***=100	1,377 A	303 W
***=112	1,377 A	303 W
***=125	1,377 A	303 W
***=140	1,377 A	303 W
***=160	1,377 A	303 W

TMDN\*\*\*AC:

Model name	Rated current	Rated power
***=022	0,245 A	54 W
***=025	0,245 A	54 W
***=028	0,245 A	54 W
***=032	0,250 A	55 W
***=036	0,250 A	55 W
***=040	0,250 A	55 W
***=045	0,350 A	77 W
***=050	0,350 A	77 W
***=056	0,350 A	77 W
***=063	0,455 A	100 W
***=071	0,477 A	105 W

TMDH\*\*\*AB:

Model name	Rated current	Rated power
***=100	1,818 A	400 W
***=112	1,909 A	420 W
***=125	2,273 A	500 W
***=140	2,500 A	550 W

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No.:

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TMDH\*\*\*BI:

Model name	Rated current	Rated power
***=200	2,8 A	1100 W
***=250	2,8 A	1100 W
***=335	5,1 A	2200 W
***=400	5,1 A	2200 W
***=450	6,8 A	3000 W
***=500	6,8 A	3000 W
***=560	6,8 A	3000 W
***=615	6,8 A	3000 W

TMVW\*\*\*AB:

Model name	Rated current	Rated power
***=028	0,295 A	65 W
***=036	0,295 A	65 W
***=040	0,318 A	70 W
***=056	0,318 A	70 W
***=063	0,373 A	82 W
***=071	0,373 A	82 W

TMVX\*\*\*A:

Model name	Rated current	Rated power
***=028	0,218 A	48 W
***=036	0,282 A	62 W
***=056	0,386 A	85 W
***=071	0,545 A	120 W
***=090	0,709 A	156 W
***=112	0,955 A	210 W
***=125	1,091 A	240 W
***=140	1,091 A	240 W

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