



Product Service

# Attestation of Conformity

No. N8A 080658 0043 Rev. 05

**Holder of Certificate:** **Suzhou Inovance Technology Co., Ltd.**  
No.16, Youxiang Road, Yuexi Town, Wuzhong District  
215104 Suzhou  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Electronic frequency converter  
(AC Drive)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64105193080005

**Date,** 2022-03-23

( Frank Zhu )

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## Model(s):

MD500T18.5G(a), MD500T18.5GB(a),  
 MD500T18.5G/22P-PLUS(a),  
 MD500T18.5G/22PB-PLUS(a),  
 MD500T18.5G-PLUS(a), MD500T18.5GB-PLUS(a),  
 MD500ET18.5G(a), MD500ET18.5GB(a),  
 MD500T18.5G-T(a), MD500T18.5GB-T(a),  
 MD500T18.5G/22P-T-PLUS(a),  
 MD500T18.5G/22PB-T-PLUS(a),  
 MD500T18.5G-T-PLUS(a),  
 MD500T18.5GB-T-PLUS(a),  
 MD500ET18.5G-T(a), MD500ET18.5GB-T(a),  
 MD500T22G-T(a), MD500T22GB-T(a),  
 MD500T22G/30P-T-PLUS(a),  
 MD500T22G/30PB-T-PLUS(a),  
 MD500T22G-T-PLUS(a), MD500T22GB-T-PLUS(a),  
 MD500ET22G-T(a), MD500ET22GB-T(a),  
 MD500T22G(a), MD500T22GB(a),  
 MD500T22G/30P-PLUS(a),  
 MD500T22G/30PB-PLUS(a),  
 MD500T22G-PLUS(a), MD500T22GB-PLUS(a),  
 MD500T22P(a), MD500T22PB(a), MD500ET22G(a),  
 MD500ET22GB(a), MD500T30P(a), MD500T30PB(a),  
 MD500T30G(a), MD500T30GB(a),  
 MD500T30G/37P-PLUS(a),  
 MD500T30G/37PB-PLUS(a),  
 MD500T30G-PLUS(a), MD500T30GB-PLUS(a),  
 MD500ET30G(a), MD500ET30GB(a), MD500T37P(a),  
 MD500T37PB(a), MD500T37G(a), MD500T37GB(a),  
 MD500T37G/45P-PLUS(a),  
 MD500T37G/45PB-PLUS(a),  
 MD500T37G-PLUS(a), MD500T37GB-PLUS(a),  
 MD500ET37G(a), MD500ET37GB(a), MD500T45P(a),  
 MD500T45PB(a), MD290T18.5G/22P-T(a),  
 MD290T18.5G/22PB-T(a), MD290T18.5G/22P(a),  
 MD290T18.5G/22PB(a), MD290T22G/30P(a),  
 MD290T22G/30PB(a), MD290T22G/30P-T(a),  
 MD290T22G/30PB-T(a), MD290T30G/37P(a),  
 MD290T30G/37PB(a), MD290T37G/45P(a),  
 MD290T37G/45PB(a), MD290T18.5G/22PB(a),  
 MD290T22G/30PB(a), MD290T30G/37PB(a),  
 MD290T37G/45PB(a),  
 CS200-4T18.5GB(a), CS710-4T18.5GB(a),  
 CS200-4T22GB(a), CS710-4T22GB(a),

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CS200-4T30GB(a), CS710-4T30GB(a),  
 CS200-4T37GB(a), CS710-4T37GB(a),  
 IS580T020-R1(a), IS580T020-R1-S(a),  
 IS580T030-R1(a), IS580T030-R1-S(a),  
 IS580T035-R1(a), IS580T035-R1-S(a),  
 IS580T040-R1(a), IS580T040-R1-S(a),  
 IS580T050-R1(a), IS580T050-R1-S(a),  
 IS580T070-R1(a), IS580T070-R1-S(a),  
 IS650XT025(a), IS650XT032(a), IS650XT037(a),  
 IS650XT045(a), IS650XT060(a),  
 MD500L-T18.5GB(a), MD500L-T22GB(a),  
 MD500L-T30GB(a),  
 ES510T042-R1(a),  
 MD520-4T18.5(a), MD520-4T18.5B(a),  
 MD520-4T18.5S(a), MD520-4T18.5BS(a),  
 MD520-4T18.5-T(a), MD520-4T18.5B-T(a),  
 MD520-4T18.5S-T(a), MD520-4T18.5BS-T(a),  
 MD520-4T22-T(a), MD520-4T22B-T(a),  
 MD520-4T22S-T(a), MD520-4T22BS-T(a),  
 MD520-4T22(a), MD520-4T22B(a),  
 MD520-4T22S(a), MD520-4T22BS(a),  
 ES510T055-R1(a),  
 MD580-4T75(a), MD580-4T75B(a),  
 MD520-4T30(a), MD520-4T30B(a), MD520-4T30S(a),  
 MD520-4T30BS(a), MD580-4T91(a), MD580-4T91B(a),  
 MD520-4T37(a), MD520-4T37B(a), MD520-4T37S(a),  
 MD520-4T37BS(a), MD580-4T45(a), MD580-4T45B(a),  
 MD580-4T60(a), MD580-4T60B(a).

## Remark:

“(a)” The model number may include a suffix  
 “XXXXXXXXXX”, where “XXXXXXXXXX” can be  
 blank or combination of any alphanumeric and/or  
 symbols that represents customer identity.  
 “X” may be “P” or “N”,  
 “P” means Pulse Type; “N” means Net Type.



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## Parameters:

Rated voltage:	See below table 1-Model list
Rated Current:	See below table 1-Model list
Ambient temperature:	50°C Max.
Overvoltage category:	III
Pollution degree:	2
Construction:	Built-in
IP code:	IP20
Maximum operation altitude:	3000m

## Remark:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled and it should be suitably installed in closed electrical operation area, and fire/mechanical protection enclosure shall be provided.
- The frequency inverter has no overcurrent protective device. For safe operation, a suitable external circuit breaker must be employed before installation.

**Tested  
according to:**

EN 61800-5-1:2007/A11:2021



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## Parameters:

Table 1- Model list

Product	Model No.	Rated Input	Rated Output	Size (mm)
AC Drive	IS580T020-R1(a) IS580T020-R1-S(a)	3PH AC 380-480V 36.3A 50/60Hz	3PH AC 0-480V 25.0A 0-300Hz 11kW	350×210×192
	IS580T030-R1(a) IS580T030-R1-S(a)	3PH AC 380-480V 45.1A 50/60Hz	3PH AC 0-480V 32.0A 0-300Hz 15kW	
	IS580T035-R1(a) IS580T035-R1-S(a)	3PH AC 380-480V, 49.5A, 50/60Hz	3PH AC 0-480V, 37A, 0-300Hz, 18.5kW	
	IS580T040-R1(a) IS580T040-R1-S(a) ES510T042-R1(a)	3PH AC 380-480V, 59A, 50/60Hz	3PH AC 0-480V, 45A, 0-300Hz, 22kW	
	MD500T18.5G(a) MD500T18.5GB(a) MD500ET18.5G(a) MD500ET18.5GB(a) MD480T18.5GB(a) MD480T18.5G(a)	3PH AC 380-480V, 49.5A, 50/60Hz	3PH AC 0-480V, 37A, 0-500Hz, 18.5kW	
	MD500T18.5G/22P-PLUS(a) MD500T18.5G/22PB-PLUS(a) MD520-4T18.5(a) MD520-4T18.5B(a) MD520-4T18.5S(a) MD520-4T18.5BS(a)	3PH AC 380-480V 49.5A/59A 50/60Hz	3PH AC 0-480V 37A/45A 0-599Hz 18.5kW/22kW	
	MD580-4T45(a) MD580-4T45B(a)	3PH AC 380-480V 49.5A/59A 50/60Hz	3PH AC 0-480V 37A/45A 0-599Hz 18.5kW/22kW	486x210x224
	MD500T18.5G-PLUS(a) MD500T18.5GB-PLUS(a)	3PH AC 380-480V, 49.5A, 50/60Hz	3PH AC 0-480V, 37A, 0-599Hz, 18.5kW	350×210×192
	CS200-4T18.5GB(a) CS710-4T18.5GB(a)	3PH AC 380-480V, 49.5A, 50/60Hz	3PH AC 0-480V, 37A, 0-150Hz, 18.5kW	
	MD500T18.5G-T(a) MD500T18.5GB-T(a) MD500ET18.5G-T(a) MD500ET18.5GB-T(a) MD480T18.5GB-T(a) MD480T18.5G-T(a)	3PH AC 380-480V, 43.4A, 50/60Hz	3PH AC 0-480V, 37A, 0-500Hz, 18.5kW	
	MD500T18.5G/22P-T-PLUS(a) MD500T18.5G/22PB-T-PLUS(a) MD520-4T18.5-T(a) MD520-4T18.5B-T(a) MD520-4T18.5S-T(a) MD520-4T18.5BS-T(a)	3PH AC 380-480V 43.4A/51.3A 50/60Hz	3PH AC 0-480V 37A/45A 0-599Hz 18.5kW/22kW	
	MD500T18.5G-T-PLUS(a) MD500T18.5GB-T-PLUS(a)	3PH AC 380-480V, 43.4A, 50/60Hz	3PH AC 0-480V, 37A, 0-599Hz, 18.5kW	

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MD290T18.5G/22P-T(a) MD290T18.5G/22PB-T(a) MD500T22G-T(a) MD500T22GB-T(a) MD500ET22G-T(a) MD500ET22GB-T(a) MD480T22GB-T(a) MD480T22G-T(a)	3PH AC 380-480V, 51.3A, 50/60Hz	3PH AC 0-480V, 45A, 0-500Hz, 22kW	
MD500T22G/30P-T-PLUS (a) MD500T22G/30PB-T-PLUS (a) MD520-4T22-T(a) MD520-4T22B-T(a) MD520-4T22S-T(a) MD520-4T22BS-T(a)	3PH AC 380-480V 51.3A/65.8A 50/60Hz	3PH AC 0-480V 45A/60A 0-599Hz 22kW/30kW	
MD500T22G-T-PLUS (a) MD500T22GB-T-PLUS (a)	3PH AC 380-480V, 51.3A, 50/60Hz	3PH AC 0-480V, 45A, 0-599Hz, 22kW	
MD500T22G(a) MD500T22GB(a) MD500T22P(a) MD500T22PB(a) MD290T18.5G/22P(a) MD290T18.5G/22PB(a) MD500ET22G(a) MD500ET22GB(a) MD480T22GB(a) MD480T22G(a)	3PH AC 380-480V, 59A, 50/60Hz	3PH AC 0-480V, 45A, 0-500Hz, 22kW	
MD500T22G/30P-PLUS(a) MD500T22G/30PB-PLUS(a) MD520-4T22(a) MD520-4T22B(a) MD520-4T22S(a) MD520-4T22BS(a)	3PH AC 380-480V 59A/65.8A 50/60Hz	3PH AC 0-480V 45A/60A 0-599Hz 22kW/30kW	
MD580-4T60(a) MD580-4T60B(a)	3PH AC 380-480V 59A/65.8A 50/60Hz	3PH AC 0-480V 45A/60A 0-599Hz 22kW/30kW	486x210x224
MD500T22G-PLUS(a) MD500T22GB-PLUS(a)	3PH AC 380-480V, 59A, 50/60Hz	3PH AC 0-480V, 45A, 0-599Hz, 22kW	350×210×192
CS200-4T22GB(a) CS710-4T22GB(a)	3PH AC 380-480V, 59A, 50/60Hz	3PH AC 0-480V, 45A, 0-150Hz, 22kW	
MD500T30P (a) MD500T30PB(a) MD290T22G/30P(a) MD290T22G/30PB(a) MD290T22G/30P-T(a) MD290T22G/30PB-T(a)	3PH AC 380-480V, 65.8A, 50/60Hz	3PH AC 0-480V, 60A, 0-500Hz, 30kW	

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IS580T050-R1(a) IS580T050-R1-S(a) ES510T055-R1(a)	3PH AC 380-480V, 57A, 50/60Hz	3PH AC 0-480V, 60A, 0-300Hz, 30kW	400×250×220
IS580T070-R1(a) IS580T070-R1-S(a)	3PH AC 380-480V, 69A, 50/60Hz	3PH AC 0-480V, 75A, 0-300Hz, 37kW	
MD500T30G(a) MD500T30GB(a) MD500ET30G(a) MD500ET30GB(a)	3PH AC 380-480V, 57A, 50/60Hz	3PH AC 0-480V, 60A, 0-500Hz, 30kW	
MD500T30G/37P-PLUS(a) MD500T30G/37PB-PLUS(a) MD580-4T75(a) MD580-4T75B(a) MD520-4T30(a) MD520-4T30B(a) MD520-4T30S(a) MD520-4T30BS(a)	3PH AC 380-480V 57A/71A 50/60Hz	3PH AC 0-480V 60A/75A 0-599Hz 30kW/37kW	
MD500T30G-PLUS(a) MD500T30GB-PLUS(a)	3PH AC 380-480V, 57A, 50/60Hz	3PH AC 0-480V, 60A, 0-599Hz, 30kW	
CS200-4T30GB(a) CS710-4T30GB(a)	3PH AC 380-480V, 57A, 50/60Hz	3PH AC 0-480V, 60A, 0-150Hz, 30kW	
MD500T37P(a) MD500T37PB(a) MD290T30G/37P(a) MD290T30G/37PB(a)	3PH AC 380-480V, 71A, 50/60Hz	3PH AC 0-480V, 75A, 0-500Hz, 37kW	
MD500T37G(a) MD500T37GB(a) MD500ET37G(a) MD500ET37GB(a)	3PH AC 380-480V, 69A, 50/60Hz	3PH AC 0-480V, 75A, 0-500Hz, 37kW	
MD500T37G/45P-PLUS(a) MD500T37G/45PB-PLUS(a) MD580-4T91(a) MD580-4T91B(a) MD520-4T37(a) MD520-4T37B(a) MD520-4T37S(a) MD520-4T37BS(a)	3PH AC 380-480V 69A/86A 50/60Hz	3PH AC 0-480V 75A/91A 0-599Hz 37kW/45kW	
MD500T37G-PLUS(a) MD500T37GB-PLUS(a)	3PH AC 380-480V, 69A, 50/60Hz	3PH AC 0-480V, 75A, 0-599Hz, 37kW	
CS200-4T37GB(a) CS710-4T37GB(a)	3PH AC 380-480V, 69A, 50/60Hz	3PH AC 0-480V, 75A, 0-150Hz, 37kW	
MD500T45P(a) MD500T45PB(a) MD290T37G/45P(a) MD290T37G/45PB(a)	3PH AC 380-480V, 86A, 50/60Hz	3PH AC 0-480V, 91A, 0-500Hz, 45kW	

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	IS650XT025(a)	3PH AC 380-440V 20.0A 50/60Hz	3PH AC 0-380V 25.0A 0-400Hz 11kW	350x210x192
	IS650XT032(a)	3PH AC 380-440V 24.0A 50/60Hz	3PH AC 0-380V 32.0A 0-400Hz 15kW	
	IS650XT037(a)	3PH AC 380-440V 30.0A 50/60Hz	3PH AC 0-380V 37.0A 0-400Hz 18.5kW	
	IS650XT045(a)	3PH AC 380-440V 36.0A 50/60Hz	3PH AC 0-380V 45.0A 0-400Hz 22kW	
	IS650XT060(a)	3PH AC 380-440V 48.0A 50/60Hz	3PH AC 0-380V 60.0A 0-400Hz 30kW	400x250x220
	MD500L-T18.5GB(a)	3PH AC 380-480V 49.5A 50/60Hz	3PH AC 0-480V 37.0A 0-500Hz 18.5kW	350x210x192
	MD500L-T22GB(a)	3PH AC 380-480V 59A 50/60Hz	3PH AC 0-480V 45.0A 0-500Hz 22kW	
	MD500L-T30GB(a)	3PH AC 380-480V 57A 50/60Hz	3PH AC 0-480V 60.0A 0-500Hz 30kW	400x250x220
Elevator AC Drive	MD290T18.5G/22PB(a)	3PH AC 380-480V 44.0A 50/60Hz	3PH AC 0-480V 37.0A 0-500Hz 18.5kW	350x210x192
	MD290T22G/30PB(a)	3PH AC 380-480V 59.0A 50/60Hz	3PH AC 0-480V 45.0A 0-500Hz 22kW	
	MD290T30G/37PB(a)	3PH AC 380-480V 65.8A 50/60Hz	3PH AC 0-480V 60.0A 0-500Hz 30kW	400x250x220
	MD290T37G/45PB(a)	3PH AC 380-480V 71.0A 50/60Hz	3PH AC 0-480V 75.0A 0-500Hz 37kW	

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