



Product Service

Attestation of Conformity

No. N8A 080658 0174 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

Test report no.: 64105193084405

Date, 2022-03-23

(Frank Zhu)

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Model(s):

MD500T3.7GB(a), MD500T5.5GB(a),
MD500ET3.7GB(a), MD500ET5.5GB(a),
CS710-4T3.7GB(a), CS710-4T5.5GB(a),
MD290T3.7G/5.5PB(a), MD290T5.5G/7.5PB(a),
MD500T3.7G/5.5PB-PLUS(a),
MD500T5.5G/7.5PB-PLUS(a) ,
MD500T3.7GB-PLUS(a),
MD500T5.5GB-PLUS(a),
MD500-2S0.4GB(a), MD500-2S0.7GB(a),
MD500-2S1.5GB(a), MD500-2S2.2GB(a),
MD500-2S3.0GB(a),
MD500-2S0.4GB-PLUS(a),
MD500-2S0.7GB-PLUS (a),
MD500-2S1.5GB-PLUS (a),
MD500-2S2.2GB-PLUS (a),
MD500-2S3.0GB-PLUS (a),
MD290-2S0.4GB(a), MD290-2S0.7GB(a),
MD290-2S1.5GB(a), MD290-2S2.2GB(a),
MD290-2S3.0GB(a), MD290T5.5G/7.5PB(a),
MD500L-T3.7GB(a), MD500L-T5.5GB(a),
ES510T009-R1(a), ES510T013-R1(a),
ES510T009-C1(a), ES510T013-C1(a),
MD520-4T3.7B(a), MD520-4T5.5B(a),
MD520-4T3.7BS(a), MD520-4T5.5BS(a),
MD520-2S0.4B(a), MD520-2S0.7B(a),
MD520-2S1.5B(a), MD520-2S2.2B(a),
MD520-2S0.4BS(a), MD520-2S0.7BS(a),
MD520-2S1.5BS(a), MD520-2S2.2BS(a),
MD580-4T13B(a), MD580-4T17B(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.



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Parameters:

Rated voltage:	See below pages
Rated Current:	See below pages
Ambient temperature:	50°C Max.
Overvoltage category:	III
Pollution degree:	2
Construction:	Built-in
IP code:	IP20
Maximum operation altitude:	3000m
Size:	200mm*130mm*162mm (other than MD580 series) 395mm*151mm*181.5mm (MD580 series)

Remark:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled and it should be suitably installed in a 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:

Product	Series	Model No.	Rated Input	Rated Output
AC Drive	MD500	MD500T3.7GB(a)	3PH AC 380-480V 11.4A 50/60Hz	3PH AC 0-480V 9.0A 0-500Hz 3.7kW
		MD500T5.5GB(a)	3PH AC 380-480V 16.7A 50/60Hz	3PH AC 0-480V 13.0A 0-500Hz 5.5kW
	MD500E	MD500ET3.7GB(a)	3PH AC 380-480V 11.4A 50/60Hz	3PH AC 0-480V 9.0A 0-500Hz 3.7kW
		MD500ET5.5GB(a)	3PH AC 380-480V 16.7A 50/60Hz	3PH AC 0-480V 13.0A 0-500Hz 5.5kW
	CS710	CS710-4T3.7GB(a)	3PH AC 380-480V 11.4A 50/60Hz	3PH AC 0-480V 9.0A 0-500Hz 3.7kW
		CS710-4T5.5GB(a)	3PH AC 380-480V 16.7A 50/60Hz	3PH AC 0-480V 13.0A 0-500Hz 5.5kW
	MD290	MD290T3.7G/5.5PB(a)	3PH AC 380-480V 15.9A 50/60Hz	3PH AC 0-480V 13.0A 0-500Hz 5.5kW
		MD290T5.5G/7.5PB(a)	3PH AC 380-480V 22.4A 50/60Hz	3PH AC 0-480V 17.0A 0-500Hz 7.5kW
	MD500-PLUS	MD500T3.7G/5.5PB-PLUS(a)	3PH AC 380-480V 11.4A/15.9A 50/60Hz	3PH AC 0-480V 9A/13A 0-599Hz 3.7kW/5.5kW
		MD500T5.5G/7.5PB-PLUS(a)	3PH AC 380-480V 16.7A/22.4A 50/60Hz	3PH AC 0-480V 13A/17A 0-599Hz 5.5kW/7.5kW
		MD500T3.7GB-PLUS(a)	3PH AC 380-480V 11.4A 50/60Hz	3PH AC 0-480V 9.0A 0-599Hz 3.7kW
		MD500T5.5GB-PLUS(a)	3PH AC 380-480V 16.7A 50/60Hz	3PH AC 0-480V 13.0A 0-599Hz 5.5kW
	MD500-2S	MD500-2S0.4GB(a)	1PH AC 200-240V 5.4A 50/60Hz	3PH AC 0-240V 2.3A 0-500Hz 0.4kW
		MD500-2S0.7GB(a)	1PH AC 200-240V 8.2A 50/60Hz	3PH AC 0-240V 4.0A 0-500Hz 0.75kW
		MD500-2S1.5GB(a)	1PH AC 200-240V 14A 50/60Hz	3PH AC 0-240V 7.0A 0-500Hz 1.5kW
		MD500-2S2.2GB(a)	1PH AC 200-240V 20A 50/60Hz	3PH AC 0-240V 9.6A 0-500Hz 2.2kW
		MD500-2S3.0GB(a)	1PH AC 200-240V 27A 50/60Hz	3PH AC 0-240V 12A 0-500Hz 3.0kW
	MD500-2S-PLUS	MD500-2S0.4GB-PLUS(a)	1PH AC 200-240V 5.4A 50/60Hz	3PH AC 0-240V 2.3A 0-599Hz 0.4kW
		MD500-2S0.7GB-PLUS (a)	1PH AC 200-240V 8.2A 50/60Hz	3PH AC 0-240V 4.0A 0-599Hz 0.75kW
		MD500-2S1.5GB-PLUS (a)	1PH AC 200-240V 14A 50/60Hz	3PH AC 0-240V 7.0A 0-599Hz 1.5kW
		MD500-2S2.2GB-PLUS (a)	1PH AC 200-240V 20A 50/60Hz	3PH AC 0-240V 9.6A 0-599Hz 2.2kW
		MD500-2S3.0GB-PLUS (a)	1PH AC 200-240V 27A 50/60Hz	3PH AC 0-240V 12A 0-599Hz 3.0kW

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	MD290-2S	MD290-2S0.4GB(a)	1PH AC 200-240V 5.4A 50/60Hz	3PH AC 0-240V 2.3A 0-500Hz 0.4kW
		MD290-2S0.7GB(a)	1PH AC 200-240V 8.2A 50/60Hz	3PH AC 0-240V 4.0A 0-500Hz 0.75kW
		MD290-2S1.5GB(a)	1PH AC 200-240V 14A 50/60Hz	3PH AC 0-240V 7.0A 0-500Hz 1.5kW
		MD290-2S2.2GB(a)	1PH AC 200-240V 20A 50/60Hz	3PH AC 0-240V 9.6A 0-500Hz 2.2kW
		MD290-2S3.0GB(a)	1PH AC 200-240V 27A 50/60Hz	3PH AC 0-240V 12A 0-500Hz 3.0kW
	MD520	MD520-4T3.7B(a)	3PH AC 380-480V 11.4A/15.9A 50/60Hz	3PH AC 0-480V 9A/13A 0-599Hz 3.7kW/5.5kW
		MD520-4T5.5B(a)	3PH AC 380-480V 16.7A/22.4A 50/60Hz	3PH AC 0-480V 13A/17A 0-599Hz 5.5kW/7.5kW
		MD520-4T3.7BS(a)	3PH AC 380-480V 11.4A/15.9A 50/60Hz	3PH AC 0-480V 9A/13A 0-599Hz 3.7kW/5.5kW
		MD520-4T5.5BS(a)	3PH AC 380-480V 16.7A/22.4A 50/60Hz	3PH AC 0-480V 13A/17A 0-599Hz 5.5kW/7.5kW
	MD520-2S	MD520-2S0.4B(a)	1PH AC 200-240V 5.4/8.2A 50/60Hz	3PH AC 0-240V 2.3/4.0A 0-599Hz 0.4/0.75kW
		MD520-2S0.7B(a)	1PH AC 200-240V 8.2/14A 50/60Hz	3PH AC 0-240V 4.0/7.0A 0-599Hz 1.5kW
		MD520-2S1.5B(a)	1PH AC 200-240V 14/20A 50/60Hz	3PH AC 0-240V 7/9.6A 0-599Hz 2.2kW
		MD520-2S2.2B(a)	1PH AC 200-240V 20/27A 50/60Hz	3PH AC 0-240V 9.6/12A 0-599Hz 3.0kW
		MD520-2S0.4BS(a)	1PH AC 200-240V 5.4/8.2A 50/60Hz	3PH AC 0-240V 4.0A 0-599Hz 0.4/0.75kW
		MD520-2S0.7BS(a)	1PH AC 200-240V 8.2/14A 50/60Hz	3PH AC 0-240V 4.0/7.0A 0-599Hz 1.5kW
		MD520-2S1.5BS(a)	1PH AC 200-240V 14/20A 50/60Hz	3PH AC 0-240V 7/9.6A 0-599Hz 2.2kW
		MD520-2S2.2BS(a)	1PH AC 200-240V 20/27A 50/60Hz	3PH AC 0-240V 9.6/12A 0-599Hz 3.0kW
	MD580	MD580-4T13B(a)	3PH AC 380-480V 11.4/15.9A 50/60Hz	3PH AC 0-480V 9.0/13.0A 0-599Hz 3.7/5.5kW
		MD580-4T17B(a)	3PH AC 380-480V 16.7/22.4A 50/60Hz	3PH AC 0-480V 13.0/17.0A 0-599Hz 5.5/7.5kW
Elevator AC Drive	MD290	MD290T5.5G/7.5PB(a)	3PH AC 380-480V 15.9A 50/60Hz	3PH AC 0-480V 13.0A 0-500Hz 5.5kW
	MD500L	MD500L-T3.7GB(a)	3PH AC 380-480V 11.4A 50/60Hz	3PH AC 0-480V 9.0A 0-500Hz 3.7kW
		MD500L-T5.5GB(a)	3PH AC 380-480V 16.7A 50/60Hz	3PH AC 0-480V 13.0A 0-500Hz 5.5kW
AC servo Drive	ES510	ES510T009-R1(a)	3PH AC 380-480V 10.9A 50/60Hz	3PH AC 0-480V 9.0A 0-300Hz 3.7kW

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		ES510T013-R1(a)	3PH AC 380-480V 15.8A 50/60Hz	3PH AC 0-480V 13.0A 0-300Hz 5.5kW
		ES510T009-C1(a)	3PH AC 380-480V 10.9A 50/60Hz	3PH AC 0-480V 9.0A 0-300Hz 3.7kW
		ES510T013-C1(a)	3PH AC 380-480V 15.8A 50/60Hz	3PH AC 0-480V 13.0A 0-300Hz 5.5kW

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