



Product Service

Attestation of Conformity

No. N8A 080658 0172 Rev. 04

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.: 64105193084204

Date, 2022-03-23

(Frank Zhu)

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Model(s):

MD290T0.4G/0.7PB(a), MD290T0.7G/1.1PB(a),
MD290T1.1G/1.5PB(a), MD290T1.5G/2.2PB(a),
MD290T2.2G/3.0PB(a), MD290T3.0G/3.7PB(a),
MD500ET0.4GB(a), MD500ET0.7GB(a),
MD500ET1.1GB(a), MD500ET1.5GB(a),
MD500ET2.2GB(a), MD500ET3.0GB(a),
MD500T0.4G/0.7PB-PLUS(a),
MD500T0.4GB -PLUS(a), MD500T0.4GB(a),
MD500T0.7G/1.1PB-PLUS(a),
MD500T0.7GB -PLUS(a), MD500T0.7GB(a),
MD500T1.1G/1.5PB-PLUS(a),
MD500T1.1GB -PLUS(a), MD500T1.1GB(a),
MD500T1.5G2.2PB-PLUS(a),
MD500T1.5GB -PLUS(a), MD500T1.5GB(a),
MD500T2.2G/3.0PB-PLUS(a),
MD500T2.2GB -PLUS(a), MD500T2.2GB(a),
MD500T3.0G/3.7PB-PLUS(a), MD500T3.0GB(a),
MD500T3.0GB-PLUS(a), MD520-4T0.4B(a),
MD520-4T0.4BS(a), MD520-4T0.7B(a),
MD520-4T0.7BS(a), MD520-4T1.1B(a),
MD520-4T1.1BS(a), MD520-4T1.5B(a),
MD520-4T1.5BS(a), MD520-4T2.2B(a),
MD520-4T2.2BS(a), MD520-4T3.0B(a),
MD520-4T3.0BS(a), CS710-4T0.4GB(a),
CS710-4T0.7GB(a), CS710-4T1.1GB(a),
CS710-4T1.5GB(a), CS710-4T2.2GB(a),
CS710-4T3.0GB(a), MD580-4T2R1B(a),
MD580-4T3R1B(a), MD580-4T3R8B(a),
MD580-4T5R1B(a), MD580-4T7R2B(a),
MD580-4T9B(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
Overvoltage category:	III
Pollution degree:	2
Construction:	Built-in
IP code:	IP20
Maximum operation altitude:	2000m
Size:	200mm*130mm*152mm (other than MD580 series) 395mm*151mm*175mm (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:

Series	Model No.	Rated Input	Rated Output
MD500	MD500T0.4GB(a)	3PH AC 380-480V 1.8A 50/60Hz	3PH AC 0-480V 1.5A 0-500Hz 0.4kW
	MD500T0.7GB(a)	3PH AC 380-480V 2.4A 50/60Hz	3PH AC 0-480V 2.1A 0-500Hz 0.75kW
	MD500T1.1GB(a)	3PH AC 380-480V 3.7A 50/60Hz	3PH AC 0-480V 3.1A 0-500Hz 1.1kW
	MD500T1.5GB(a)	3PH AC 380-480V 4.6A 50/60Hz	3PH AC 0-480V 3.8A 0-500Hz 1.5kW
	MD500T2.2GB(a)	3PH AC 380-480V 6.3A 50/60Hz	3PH AC 0-480V 5.1A 0-500Hz 2.2kW
	MD500T3.0GB(a)	3PH AC 380-480V 9.0A 50/60Hz	3PH AC 0-480V 7.2A 0-500Hz 3.0kW
	MD500T0.4G/0.7PB-PLUS(a)	3PH AC 380-480V 1.8A/2.5A 50/60Hz	3PH AC 0-480V 1.5A/2.1A 0-599Hz 0.4kW/0.75kW
	MD500T0.7G/1.1PB-PLUS(a)	3PH AC 380-480V 2.4A/3.7A 50/60Hz	3PH AC 0-480V 2.1A/3.1A 0-599Hz 0.75kW/1.1kW
	MD500T1.1G/1.5PB-PLUS(a)	3PH AC 380-480V 3.7A/4.6A 50/60Hz	3PH AC 0-480V 3.1A/3.8A 0-599Hz 1.1kW/1.5kW
	MD500T1.5G2.2PB-PLUS(a)	3PH AC 380-480V 4.6A/6.4A 50/60Hz	3PH AC 0-480V 3.8A/5.1A 0-599Hz 1.5kW/2.2kW
	MD500T2.2G/3.0PB-PLUS(a)	3PH AC 380-480V 6.3A/9.1A 50/60Hz	3PH AC 0-480V 5.1A/7.2A 0-599Hz 2.2kW/3.0kW
	MD500T3.0G/3.7PB-PLUS(a)	3PH AC 380-480V 9.0A/11.3A 50/60Hz	3PH AC 0-480V 7.2A/9A 0-599Hz 3.0kW/3.7kW
	MD500T0.4GB -PLUS(a)	3PH AC 380-480V 1.8A 50/60Hz	3PH AC 0-480V 1.5A 0-599Hz 0.4kW
	MD500T0.7GB -PLUS(a)	3PH AC 380-480V 2.4A 50/60Hz	3PH AC 0-480V 2.1A 0-599Hz 0.75kW
	MD500T1.1GB -PLUS(a)	3PH AC 380-480V 3.7A 50/60Hz	3PH AC 0-480V 3.1A 0-599Hz 1.1kW
	MD500T1.5GB -PLUS(a)	3PH AC 380-480V 4.6A 50/60Hz	3PH AC 0-480V 3.8A 0-599Hz 1.5kW
	MD500T2.2GB -PLUS(a)	3PH AC 380-480V 6.3A 50/60Hz	3PH AC 0-480V 5.1A 0-599Hz 2.2kW
	MD500T3.0GB-PLUS(a)	3PH AC 380-480V 9.0A 50/60Hz	3PH AC 0-480V 7.2A 0-599Hz 3.0kW
MD500E	MD500ET0.4GB(a)	3PH AC 380-480V 1.8A 50/60Hz	3PH AC 0-480V 1.5A 0-500Hz 0.4kW
	MD500ET0.7GB(a)	3PH AC 380-480V 2.4A 50/60Hz	3PH AC 0-480V 2.1A 0-500Hz 0.75kW

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	MD500ET1.1GB(a)	3PH AC 380-480V 3.7A 50/60Hz	3PH AC 0-480V 3.1A 0-500Hz 1.1kW
	MD500ET1.5GB(a)	3PH AC 380-480V 4.6A 50/60Hz	3PH AC 0-480V 3.8A 0-500Hz 1.5kW
	MD500ET2.2GB(a)	3PH AC 380-480V 6.3A 50/60Hz	3PH AC 0-480V 5.1A 0-500Hz 2.2kW
	MD500ET3.0GB(a)	3PH AC 380-480V 9.0A 50/60Hz	3PH AC 0-480V 7.2A 0-500Hz 3.0kW
CS710	CS710-4T0.4GB(a)	3PH AC 380-480V 1.8A 50/60Hz	3PH AC 0-480V 1.5A 0-150Hz 0.4kW
	CS710-4T0.7GB(a)	3PH AC 380-480V 2.4A 50/60Hz	3PH AC 0-480V 2.1A 0-150Hz 0.75kW
	CS710-4T1.1GB(a)	3PH AC 380-480V 3.7A 50/60Hz	3PH AC 0-480V 3.1A 0-150Hz 1.1kW
	CS710-4T1.5GB(a)	3PH AC 380-480V 4.6A 50/60Hz	3PH AC 0-480V 3.8A 0-150Hz 1.5kW
	CS710-4T2.2GB(a)	3PH AC 380-480V 6.3A 50/60Hz	3PH AC 0-480V 5.1A 0-150Hz 2.2kW
	CS710-4T3.0GB(a)	3PH AC 380-480V 9.0A 50/60Hz	3PH AC 0-480V 7.2A 0-150Hz 3.0kW
MD290	MD290T0.4G/0.7PB(a)	3PH AC 380-480V 2.5A 50/60Hz	3PH AC 0-480V 2.1A 0-500Hz 0.75kW
	MD290T0.7G/1.1PB(a)	3PH AC 380-480V 3.7A 50/60Hz	3PH AC 0-480V 3.1A 0-500Hz 1.1kW
	MD290T1.1G/1.5PB(a)	3PH AC 380-480V 4.6A 50/60Hz	3PH AC 0-480V 3.8A 0-500Hz 1.5kW
	MD290T1.5G/2.2PB(a)	3PH AC 380-480V 6.4A 50/60Hz	3PH AC 0-480V 5.1A 0-500Hz 2.2kW
	MD290T2.2G/3.0PB(a)	3PH AC 380-480V 9.1A 50/60Hz	3PH AC 0-480V 7.2A 0-500Hz 3.0kW
	MD290T3.0G/3.7PB(a)	3PH AC 380-480V 11.3A 50/60Hz	3PH AC 0-480V 9.0A 0-500Hz 3.7kW
MD520	MD520-4T0.4B(a)	3PH AC 380-480V 1.8A/2.5A 50/60Hz	3PH AC 0-480V 1.5A/2.1A 0-599Hz 0.4kW/0.75kW
	MD520-4T0.7B(a)	3PH AC 380-480V 2.4A/3.7A 50/60Hz	3PH AC 0-480V 2.1A/3.1A 0-599Hz 0.75kW/1.1kW
	MD520-4T1.1B(a)	3PH AC 380-480V 3.7A/4.6A 50/60Hz	3PH AC 0-480V 3.1A/3.8A 0-599Hz 1.1kW/1.5kW
	MD520-4T1.5B(a)	3PH AC 380-480V 4.6A/6.4A 50/60Hz	3PH AC 0-480V 3.8A/5.1A 0-599Hz 1.5kW/2.2kW
	MD520-4T2.2B(a)	3PH AC 380-480V 6.3A/9.1A 50/60Hz	3PH AC 0-480V 5.1A/7.2A 0-599Hz 2.2kW/3.0kW

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	MD520-4T3.0B(a)	3PH AC 380-480V 9.0A/11.3A 50/60Hz	3PH AC 0-480V 7.2A/9A 0-599Hz 3.0kW/3.7kW
	MD520-4T0.4BS(a)	3PH AC 380-480V 1.8A/2.5A 50/60Hz	3PH AC 0-480V 1.5A/2.1A 0-599Hz 0.4kW/0.75kW
	MD520-4T0.7BS(a)	3PH AC 380-480V 2.4A/3.7A 50/60Hz	3PH AC 0-480V 2.1A/3.1A 0-599Hz 0.75kW/1.1kW
	MD520-4T1.1BS(a)	3PH AC 380-480V 3.7A/4.6A 50/60Hz	3PH AC 0-480V 3.1A/3.8A 0-599Hz 1.1kW/1.5kW
	MD520-4T1.5BS(a)	3PH AC 380-480V 4.6A/6.4A 50/60Hz	3PH AC 0-480V 3.8A/5.1A 0-599Hz 1.5kW/2.2kW
	MD520-4T2.2BS(a)	3PH AC 380-480V 6.3A/9.1A 50/60Hz	3PH AC 0-480V 5.1A/7.2A 0-599Hz 2.2kW/3.0kW
	MD520-4T3.0BS(a)	3PH AC 380-480V 9.0A/11.3A 50/60Hz	3PH AC 0-480V 7.2A/9A 0-599Hz 3.0kW/3.7kW
MD580	MD580-4T2R1B(a)	3PH AC 380-480V 1.8/2.5A 50/60Hz	3PH AC 0-480V 1.5/2.1A 0-599Hz 0.4/0.75kW
	MD580-4T3R1B(a)	3PH AC 380-480V 2.4/3.7A 50/60Hz	3PH AC 0-480V 2.1/3.1A 0-599Hz 0.75/1.1kW
	MD580-4T3R8B(a)	3PH AC 380-480V 3.7/4.6A 50/60Hz	3PH AC 0-480V 3.1/3.8A 0-599Hz 1.1/1.5kW
	MD580-4T5R1B(a)	3PH AC 380-480V 4.6/6.4A 50/60Hz	3PH AC 0-480V 3.8/5.1A 0-599Hz 1.5/2.2kW
	MD580-4T7R2B(a)	3PH AC 380-480V 6.3/9.1A 50/60Hz	3PH AC 0-480V 5.1/7.2A 0-599Hz 2.2/3kW
	MD580-4T9B(a)	3PH AC 380-480V 9.0/11.3A 50/60Hz	3PH AC 0-480V 7.2/9.0A 0-599Hz 3/3.7kW