ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. Z10 080658 0377 Rev. 00

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

Certification Mark:

Product: **Safety components (AC Drives)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: SS99142T

Valid until: 2027-10-19

Date, 2022-10-20

(Jiayi Dong)

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Parameters:

Rated input	See model list for detail
Rate output	See model list for detail
Temperature range	-10 to +50 °C
Humidity	Below 95% RH
Altitude	Below 2000 m (derated by 1% per 100 m if above 1000 m)
Safety function	STO (SIL 3)

Tested according to:

IEC 62061:2021 (SIL 3)
EN IEC 62061:2021 (SIL 3)
ISO 13849-1:2015 (Cat. 3, PL e)
EN ISO 13849-1:2015 (Cat. 3, PL e)
EN 61508-1:2010 (SIL 3)
EN 61508-2:2010 (SIL 3)
IEC 61508-1:2010 (SIL 3)
IEC 61508-2:2010 (SIL 3)
IEC 61800-5-2:2016
EN 61800-5-2:2017
IEC 61800-5-1:2007
IEC 61800-5-1:2007/AMD1:2016
EN 61800-5-1:2007/A1:2017

Model(s): MD880-50M series

Nomenclature

MD880	-50M	-0900	-4	(a)
I	II	III	IV	V

Key	No.	Content			
Product category	I	AC drive			
Unit type	II	50M: inverter module			
Rated current	III	**400V**			
		1) Size H1:	0009:9A	0013:13A	0017:17A
			0023:23A		
		2) Size H2:	0033:33A	0038:38A	0048:48A
		3) Size H3:	0060:60A	0078:78A	0094:94A
		4) Size H4:	0116:116A	0149:149A	0183:183A
		5) Size H6:	0245:245A	0299:299A	
		6) Size H7:	0349:349A	0395:395A	
		7) Size H8/H8A:	0516:516A	0639:639A	0757:757A
			0900:900A		

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		500V			
		1) Size H7:	0349:349A		
		2) Size H8/H8A:	0590:590A	0810:810A	0617:617A
		690V			
		1) Size H6:	0062:62A	0082:82A	0099:99A
			0125:125A	0144:144A	0192:192A
		2) Size H7:	0217:217A	0270:270A	
		3) Size H8/H8A:	0340:340A	0410:410A	0530:530A
			0600:600A	0650:650A	0721:721A
Voltage class	IV	4: 400V(380V-415V)			
		5: 500V(380V-500V)			
		7: 690V(525V-690V)			
Suffix	V	**(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.			

Model list:

Model	Size	Input	Output
MD880-50M-0009-4(a)	H1	DC 537-679V 12A	3PH AC 0-415V 9A 0-300Hz 3.7kW
MD880-50M-0013-4(a)		DC 537-679V 16A	3PH AC 0-415V 13A 0-300Hz 5.5kW
MD880-50M-0017-4(a)		DC 537-679V 21A	3PH AC 0-415V 17A 0-300Hz 7.5kW
MD880-50M-0023-4(a)		DC 537-679V 27A	3PH AC 0-415V 23A 0-300Hz 11kW
MD880-50M-0033-4(a)	H2	DC 537-679V 40A	3PH AC 0-415V 33A 0-300Hz 15kW
MD880-50M-0038-4(a)		DC 537-679V 51A	3PH AC 0-415V 38A 0-300Hz 18.5kW
MD880-50M-0048-4(a)		DC 537-679V 59A	3PH AC 0-415V 48A 0-300Hz 22kW
MD880-50M-0060-4(a)	H3	DC 537-679V 72A	3PH AC 0-415V 60A 0-300Hz 30kW
MD880-50M-0078-4(a)		DC 537-679V 96A	3PH AC 0-415V 78A 0-300Hz 37kW
MD880-50M-0094-4(a)		DC 537-679V 120A	3PH AC 0-415V 94A 0-300Hz 45kW
MD880-50M-0116-4(a)	H4	DC 537-679V 146A	3PH AC 0-415V 116A 0-300Hz 55kW
MD880-50M-0149-4(a)		DC 537-679V 179A	3PH AC 0-415V 149A 0-300Hz 75kW
MD880-50M-0183-4(a)		DC 537-679V 240A	3PH AC 0-415V 183A 0-300Hz 90kW
MD880-50M-0245-4(a)	H6	DC 540-720V 294A	3PH AC 0-415V 245A 0-300Hz 110kW
MD880-50M-0299-4(a)		DC 540-720V 358A	3PH AC 0-415V 299A 0-300Hz 132kW
MD880-50M-0062-7(a)		DC 740-975V 75A	3PH AC 0-690V 62A 0-300Hz 55kW
MD880-50M-0082-7(a)		DC 740-975V 99A	3PH AC 0-690V 82A 0-300Hz 75kW
MD880-50M-0099-7(a)		DC 740-975V 118A	3PH AC 0-690V 99A 0-300Hz 90kW
MD880-50M-0125-7(a)		DC 740-975V 150A	3PH AC 0-690V 125A 0-300Hz 110kW
MD880-50M-0144-7(a)		DC 740-975V 173A	3PH AC 0-690V 144A 0-300Hz 132kW
MD880-50M-0192-7(a)		DC 740-975V 230A	3PH AC 0-690V 192A 0-300Hz 160kW
MD880-50M-0349-4(a)	H7	DC 540-720V 420A	3PH AC 0-415V 349A 0-300Hz 160kW
MD880-50M-0395-4(a)		DC 540-720V 474A	3PH AC 0-415V 395A 0-300Hz 200kW
MD880-50M-0349-5(a)		DC 540-750V 420A	3PH AC 0-500V 349A 0-300Hz 250kW
MD880-50M-0217-7(a)		DC 740-975V 259A	3PH AC 0-690V 217A 0-300Hz 200kW
MD880-50M-0270-7(a)		DC 740-975V 323A	3PH AC 0-690V 270A 0-300Hz 250kW

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MD880-50M-0516-4(a)	H8/H8A	DC 540-720V 619A	3PH AC 0-415V 516A 0-300Hz 250kW
MD880-50M-0639-4(a)		DC 540-720V 788A	3PH AC 0-415V 639A 0-300Hz 355kW
MD880-50M-0757-4(a)		DC 540-720V 908A	3PH AC 0-415V 757A 0-300Hz 400kW
MD880-50M-0900-4(a)		DC 540-720V 1080A	3PH AC 0-415V 900A 0-300Hz 500kW
MD880-50M-0590-5(a)		DC 540-750V 708A	3PH AC 0-500V 590A 0-300Hz 400kW
MD880-50M-0810-5(a)		DC 540-750V 972A	3PH AC 0-500V 810A 0-300Hz 560kW
MD880-50M-0617-5(a)		DC 540-750V 740A	3PH AC 0-500V 617A 0-1000Hz 450kW
MD880-50M-0340-7(a)		DC 740-975V 408A	3PH AC 0-690V 340A 0-300Hz 315kW
MD880-50M-0410-7(a)		DC 740-975V 492A	3PH AC 0-690V 410A 0-300Hz 400kW
MD880-50M-0530-7(a)		DC 740-975V 636A	3PH AC 0-690V 530A 0-300Hz 500kW
MD880-50M-0600-7(a)		DC 740-975V 720A	3PH AC 0-690V 600A 0-300Hz 560kW
MD880-50M-0650-7(a)		DC 740-975V 780A	3PH AC 0-690V 650A 0-300Hz 630kW
MD880-50M-0721-7(a)		DC 740-975V 865A	3PH AC 0-690V 721A 0-300Hz 710kW
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