

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Tongwei Solar (Hefei) Co., Ltd.**  
No.888, Changning Road, High-tech District,  
Hefei City, Anhui Province, 230088  
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

**Description of product (details see Annex 2):**

**Crystalline Silicon Terrestrial Photovoltaic (PV) modules**



Valid from: 2023-06-30  
Valid until: 2027-10-19

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.
Registered No.:	44 780 19 406749 - 401R22A3M45
Manufacturer:	see Annex 1
Test Report No.:	492010913.061
File No.:	PVP05164/23P-01



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Essen, 2023-06-30

Please also pay attention to the information stated overleaf.

**Manufacturer:**

Manufacturer 1:	<b>Tongwei Solar (Hefei) Co., Ltd.</b> No.888, Changning Road, High-tech District, Hefei City, Anhui Province, 230088, P.R. China
Factory inspection report no.:	862010358.006
Manufacturer 2:	<b>Hefei GCL System Integration New Energy Technology Co., Ltd.</b> Southeast Corner of Intersection of Sidingshan Road and Ruquan Road, Hefei Circular Economy Demonstration Park, Feidong County, Hefei City, Anhui Province, P.R. China
Factory inspection report no.:	862010696.001
Manufacturer 3:	<b>Jiangsu Yueyang Photovoltaic Technology Co., Ltd.</b> 777 Tangqiao Road, High-tech Economic Zone, Jianhu County, Yancheng City, 224700 Jiangsu Province, P.R. China.
Factory inspection report no.:	862010688.001
Manufacturer 4:	<b>Tangshan Haitai New Energy Technology Co., Ltd.</b> Yutai Industrial Zone, Yutian, Tangshan City Hebei Province, 064100, P.R. China
Factory inspection report no.:	862010687.001
Manufacturer 5:	<b>SIYANG TALESUN NEW ENERGY TECHNOLOGIES CO., LTD.</b> No.211 Zhongxing East Road, Siyang Economic Development Zone, 223700 Suqian City, Jiangsu, China
Factory inspection report no.:	862010690.001
Manufacturer 6:	<b>Peixian Talesun New Energy Technology Co., Ltd.</b> 18 Hanrun Road, Peixian Economic Development Zone, 221600 Xuzhou City, Jiangsu, China
Factory inspection report no.:	862010694.001



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Manufacturer 7: **Zibo JinenU Solar Technology Co., LTD.**  
3005, Silk Road, Zhoucun District,  
Zibo, Shandong China  
Factory inspection report no.: 862010689.001

Manufacturer 8: **Jiangsu Huapeng Photovoltaic Technology Co., LTD.**  
No. 118, Jingang Road, Yangzhou economic and Technological  
Development Zone, 225100 Yangzhou City, Jiangsu Province,  
PEOPLE'S REPUBLIC OF CHINA  
Factory inspection report no.: 862010695.001

Manufacturer 9: **Funing GCL System Integration Technology Co., Ltd.**  
No.888 (A) Hong Kong Road, Funing Economic Development Zone,  
Yancheng City, Jiangsu Province, P.R. China  
Factory inspection report no.: 862010744.001

Manufacturer 10: **Tongwei Solar (Yancheng) Co., Ltd.**  
No. 88, Jiuhuashan Road, Economic Development Zone,  
Yancheng City, Jiangsu Province, China  
Factory inspection report no.: 862010763.001

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.



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**Description of product(s):**

Module types:	<b>PV Modules with Segmented 6" Mono-crystalline Silicon Solar Cells:</b> 408 cells: THxxxCM5-72S (xxx = 350-390, in increment of 5) 340 cells: THxxxCM5-60S (xxx = 290-325, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	III or II or I, refer to CDF for details
Design load (positive / negative):	2400Pa / 2400Pa or 3600Pa / 1600Pa , refer to CDF for details
Safety factors:	1.5
Fire safety class:	Class A or Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details

Module types:	<b>PV Modules with Segmented 6" PERC Mono-crystalline Silicon Solar Cells:</b> 432 cells: THxxxPM5-78S (xxx = 445-480, in increment of 5) 432 cells: THxxxPM5-78SA (xxx = 445-480, in increment of 5) 432 cells: THxxxPM5-78SAF (xxx = 445-480, in increment of 5) 432 cells: THxxxPM5-78SAS (xxx = 445-480, in increment of 5) 432 cells: THxxxPMB5-78S (xxx = 445-480, in increment of 5) 432 cells: THxxxPMB5-78SA (xxx = 445-480, in increment of 5) 432 cells: THxxxPMB5-78SAF (xxx = 445-480, in increment of 5) 432 cells: THxxxPMB5-78SAS (xxx = 445-480, in increment of 5) 408 cells: THxxxPM5-72S (xxx = 395-455, in increment of 5) 408 cells: THxxxPM5-72SF (xxx = 395-435, in increment of 5) 408 cells: THxxxPM5-72SS (xxx = 395-435, in increment of 5) 408 cells: THxxxPM5-72SA (xxx = 420-455, in increment of 5) 408 cells: THxxxPM5-72SAF (xxx = 420-455, in increment of 5) 408 cells: THxxxPM5-72SAS (xxx = 420-455, in increment of 5) 408 cells: THxxxPM5-72SB (xxx = 460-500, in increment of 5) 408 cells: THxxxPM5-72SBF (xxx = 460-500, in increment of 5) 408 cells: THxxxPM5-72SBS (xxx = 460-500, in increment of 5) 408 cells: THxxxPMB5-72S (xxx = 395-455, in increment of 5) 408 cells: THxxxPMB5-72SF (xxx = 395-435, in increment of 5) 408 cells: THxxxPMB5-72SS (xxx = 395-435, in increment of 5)
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408 cells: THxxxPMB5-72SA (xxx = 420-455, in increment of 5)  
408 cells: THxxxPMB5-72SAF (xxx = 420-455, in increment of 5)  
408 cells: THxxxPMB5-72SAS (xxx = 420-455, in increment of 5)  
408 cells: THxxxPMB5-72SB (xxx = 460-505, in increment of 5)  
408 cells: THxxxPMB5-72SBF (xxx = 460-500, in increment of 5)  
408 cells: THxxxPMB5-72SBS (xxx = 460-505, in increment of 5)  
360 cells: THxxxPM5-66S (xxx = 370-400, in increment of 5)  
360 cells: THxxxPM5-66SA (xxx = 370-400, in increment of 5)  
360 cells: THxxxPM5-66SAF (xxx = 370-400, in increment of 5)  
360 cells: THxxxPM5-66SAS (xxx = 370-400, in increment of 5)  
360 cells: THxxxPMB5-66S (xxx = 370-400, in increment of 5)  
360 cells: THxxxPMB5-66SA (xxx = 370-400, in increment of 5)  
360 cells: THxxxPMB5-66SAF (xxx = 370-400, in increment of 5)  
360 cells: THxxxPMB5-66SAS (xxx = 370-400, in increment of 5)  
340 cells: THxxxPM5-60S (xxx = 325-380, in increment of 5)  
340 cells: THxxxPM5-60SA (xxx = 350-380, in increment of 5)  
340 cells: THxxxPM5-60SAF (xxx = 350-380, in increment of 5)  
340 cells: THxxxPM5-60SAS (xxx = 350-380, in increment of 5)  
340 cells: THxxxPM5-60SF (xxx = 325-360, in increment of 5)  
340 cells: THxxxPM5-60SS (xxx = 325-360, in increment of 5)  
340 cells: THxxxPM5-60SB (xxx = 380-415, in increment of 5)  
340 cells: THxxxPM5-60SBF (xxx = 380-415, in increment of 5)  
340 cells: THxxxPM5-60SBS (xxx = 380-415, in increment of 5)  
340 cells: THxxxPMB5-60SB (xxx = 380-420, in increment of 5)  
340 cells: THxxxPMB5-60SBF (xxx = 380-415, in increment of 5)  
340 cells: THxxxPMB5-60SBS (xxx = 380-420, in increment of 5)  
340 cells: THxxxPMB5-60S (xxx = 325-380, in increment of 5)  
340 cells: THxxxPMB5-60SA (xxx = 350-380, in increment of 5)  
340 cells: THxxxPMB5-60SF (xxx = 325-360, in increment of 5)  
340 cells: THxxxPMB5-60SS (xxx = 325-360, in increment of 5)  
340 cells: THxxxPMB5-60SAF (xxx = 350-380, in increment of 5)  
340 cells: THxxxPMB5-60SAS (xxx = 350-380, in increment of 5)

Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	III or II or I, refer to CDF for details
Design load (positive / negative):	2400Pa / 2400Pa or 3600Pa / 1600Pa, refer to CDF for details



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Safety factors:	1.5
Fire safety class:	Class A or Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details
Module types:	<b>PV Modules with Segmented 8" PERC Mono-crystalline Silicon Solar Cells:</b> 414 cells: THxxxPM6-69SC (xxx = 645-655, in increment of 5) 414 cells: THxxxPMB6-69SC (xxx = 645-670, in increment of 5) 408 cells: THxxxPM6-68SC (xxx = 635-655, in increment of 5) 408 cells: THxxxPMB6-68SC (xxx = 635-660, in increment of 5) 390 cells: THxxxPM6-65SC (xxx = 605-625, in increment of 5) 390 cells: THxxxPMB6-65SC (xxx = 605-630, in increment of 5) 345 cells: THxxxPM6-58SC (xxx = 535-550, in increment of 5) 345 cells: THxxxPMB6-58SC (xxx = 535-555, in increment of 5) 340 cells: THxxxPM6-57SC (xxx = 530-545, in increment of 5) 340 cells: THxxxPMB6-57SC (xxx = 530-550, in increment of 5) 325 cells: THxxxPM6-54SC (xxx = 505-520, in increment of 5) 325 cells: THxxxPMB6-54SC (xxx = 505-525, in increment of 5) 320 cells: THxxxPMB7-46SC (xxx = 425-445, in increment of 5) 320 cells: THxxxPMB7-46SCS (xxx = 425-445, in increment of 5) 320 cells: THxxxPMB7-46SCF (xxx = 420-440, in increment of 5) 305 cells: THxxxPMB7-44SC (xxx = 405-425, in increment of 5) 305 cells: THxxxPMB7-44SCS (xxx = 405-425, in increment of 5) 305 cells: THxxxPMB7-44SCF (xxx = 400-420, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	30A or 25A, refer to CDF for details
Electrical protection class:	Class II
Pollution degree:	1
Material group:	III or II or I, refer to CDF for details
Design load (positive / negative):	3600Pa / 1600Pa, refer to CDF for details
Safety factors:	1.5
Fire safety class:	Class A or Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details



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Module types:

**PV Modules with Half-cut 7" PERC Mono-crystalline Silicon Solar Cells:**

156 cells: TWMPD-78HSxxx (xxx = 570-620, in increment of 5)  
156 cells: TWMPD-78HBxxx (xxx = 570-620, in increment of 5)  
156 cells: TWxxxMAP-156-H (xxx = 580-605, in increment of 5)  
156 cells: TWxxxMAP-156-H-S (xxx = 580-605, in increment of 5)  
156 cells: TWxxxMAP-156-H-F (xxx = 580-605, in increment of 5)  
156 cells: TWxxxMGP-156-H (xxx = 570-620, in increment of 5)  
156 cells: TWxxxMGP-156-H-S (xxx = 570-620, in increment of 5)  
156 cells: TWxxxMGP-156-H-F (xxx = 570-620, in increment of 5)  
144 cells: TWMPD-72HSxxx (xxx = 525-570, in increment of 5)  
144 cells: TWMPD-72HBxxx (xxx = 525-570, in increment of 5)  
144 cells: TWxxxMAP-144-H (xxx = 530-565, in increment of 5)  
144 cells: TWxxxMAP-144-H-S (xxx = 530-565, in increment of 5)  
144 cells: TWxxxMAP-144-H-F (xxx = 530-565, in increment of 5)  
144 cells: TWxxxMGP-144-H (xxx = 525-570, in increment of 5)  
144 cells: TWxxxMGP-144-H-S (xxx = 525-570, in increment of 5)  
144 cells: TWxxxMGP-144-H-F (xxx = 525-570, in increment of 5)  
132 cells: TWMPD-66HSxxx (xxx = 480-525, in increment of 5)  
132 cells: TWMPD-66HBxxx (xxx = 480-525, in increment of 5)  
132 cells: TWxxxMAP-132-H (xxx = 485-515, in increment of 5)  
132 cells: TWxxxMAP-132-H-S (xxx = 485-515, in increment of 5)  
132 cells: TWxxxMAP-132-H-F (xxx = 485-515, in increment of 5)  
132 cells: TWxxxMGP-132-H (xxx = 480-525, in increment of 5)  
132 cells: TWxxxMGP-132-H-S (xxx = 480-525, in increment of 5)  
132 cells: TWxxxMGP-132-H-F (xxx = 480-525, in increment of 5)  
120 cells: TWMPD-60HSxxx (xxx = 440-475, in increment of 5)  
120 cells: TWMPD-60HBxxx (xxx = 440-475, in increment of 5)  
120 cells: TWxxxMAP-120-H (xxx = 440-470, in increment of 5)  
120 cells: TWxxxMAP-120-H-S (xxx = 440-470, in increment of 5)  
120 cells: TWxxxMAP-120-H-F (xxx = 440-470, in increment of 5)  
120 cells: TWxxxMGP-120-H (xxx = 440-475, in increment of 5)  
120 cells: TWxxxMGP-120-H-S (xxx = 440-475, in increment of 5)  
120 cells: TWxxxMGP-120-H-F (xxx = 440-475, in increment of 5)  
108 cells: TWMPD-54HSxxx (xxx = 395-430, in increment of 5)  
108 cells: TWMPD-54HBxxx (xxx = 395-430, in increment of 5)  
108 cells: TWxxxMAP-108-H (xxx = 400-420, in increment of 5)  
108 cells: TWxxxMAP-108-H-S (xxx = 400-420, in increment of 5)  
108 cells: TWxxxMAP-108-H-F (xxx = 400-420, in increment of 5)  
108 cells: TWxxxMGP-108-H (xxx = 395-430, in increment of 5)



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	108 cells: TWxxxMGP-108-H-S (xxx = 395-430, in increment of 5)
	108 cells: TWxxxMGP-108-H-F (xxx = 395-430, in increment of 5)
	144 cells: TWMPG-72HSxxx (xxx = 565-590, in increment of 5)
	144 cells: TWMPG-72HBxxx (xxx = 565-590, in increment of 5)
	108 cells: TWMPG-54HSxxx (xxx = 420-440, in increment of 5)
	108 cells: TWMPG-54HBxxx (xxx = 420-440, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa, refer to CDF for details
Safety factors:	1.5
Fire safety class:	Class A or Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details

## Module types:

**PV Modules with Half-cut 7" TOPCon Mono-crystalline Silicon Solar Cells:**

156 cells: TWMND-78HSxxx (xxx = 570-640, in increment of 5)
156 cells: TWMND-78HBxxx (xxx = 570-640, in increment of 5)
156 cells: TWxxxMGT-156-H (xxx = 570-640, in increment of 5)
156 cells: TWxxxMGT-156-H-S (xxx = 570-640, in increment of 5)
156 cells: TWxxxMGT-156-H-F (xxx = 570-640, in increment of 5)
144 cells: TWMND-72HSxxx (xxx = 525-590, in increment of 5)
144 cells: TWMND-72HBxxx (xxx = 525-590, in increment of 5)
144 cells: TWxxxMGT-144-H (xxx = 525-590, in increment of 5)
144 cells: TWxxxMGT-144-H-S (xxx = 525-590, in increment of 5)
144 cells: TWxxxMGT-144-H-F (xxx = 525-590, in increment of 5)
132 cells: TWMND-66HSxxx (xxx = 485-540, in increment of 5)
132 cells: TWMND-66HBxxx (xxx = 485-540, in increment of 5)
132 cells: TWxxxMGT-132-H (xxx = 485-540, in increment of 5)
132 cells: TWxxxMGT-132-H-S (xxx = 485-540, in increment of 5)
132 cells: TWxxxMGT-132-H-F (xxx = 485-540, in increment of 5)
120 cells: TWMND-60HSxxx (xxx = 440-490, in increment of 5)
120 cells: TWMND-60HBxxx (xxx = 440-490, in increment of 5)
120 cells: TWxxxMGT-120-H (xxx = 440-490, in increment of 5)
120 cells: TWxxxMGT-120-H-S (xxx = 440-490, in increment of 5)
120 cells: TWxxxMGT-120-H-F (xxx = 440-490, in increment of 5)



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	108 cells: TWMND-54HSxxx (xxx = 395-440, in increment of 5)
	108 cells: TWMND-54HBxxx (xxx = 395-440, in increment of 5)
	108 cells: TWxxxMGT-108-H (xxx = 395-440, in increment of 5)
	108 cells: TWxxxMGT-108-H-S (xxx = 395-440, in increment of 5)
	108 cells: TWxxxMGT-108-H-F (xxx = 395-440, in increment of 5)
	144 cells: TWMNG-72HSxxx (xxx = 585-610, in increment of 5)
	144 cells: TWMNG-72HBxxx (xxx = 585-610, in increment of 5)
	108 cells: TWMNG-54HSxxx (xxx = 435-455, in increment of 5)
	108 cells: TWMNG-54HBxxx (xxx = 435-455, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa, refer to CDF for details
Safety factors:	1.5
Fire safety class:	Class A or Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details
Module types:	<b>PV Modules with Half-cut 8" PERC Mono-crystalline Silicon Solar Cells:</b> 132 cells: TWMPF-66HSxxx (xxx = 640-695, in increment of 5) 132 cells: TWMPF-66HBxxx (xxx = 640-695, in increment of 5) 132 cells: TWxxxMIP-132-H (xxx = 640-695, in increment of 5) 132 cells: TWxxxMIP-132-H-S (xxx = 640-695, in increment of 5) 132 cells: TWxxxMIP-132-H-F (xxx = 640-695, in increment of 5) 132 cells: TWxxxMCP-132-H (xxx = 640-670, in increment of 5) 132 cells: TWxxxMCP-132-H-S (xxx = 640-670, in increment of 5) 132 cells: TWxxxMCP-132-H-F (xxx = 640-670, in increment of 5) 120 cells: TWMPF-60HSxxx (xxx = 580-630, in increment of 5) 120 cells: TWMPF-60HBxxx (xxx = 580-630, in increment of 5) 120 cells: TWxxxMIP-120-H (xxx = 580-630, in increment of 5) 120 cells: TWxxxMIP-120-H-S (xxx = 580-630, in increment of 5) 120 cells: TWxxxMIP-120-H-F (xxx = 580-630, in increment of 5) 120 cells: TWxxxMCP-120-H (xxx = 580-610, in increment of 5) 120 cells: TWxxxMCP-120-H-S (xxx = 580-610, in increment of 5) 120 cells: TWxxxMCP-120-H-F (xxx = 580-610, in increment of 5) 108 cells: TWMPF-54HSxxx (xxx = 525-565, in increment of 5)



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108 cells: TWMPF-54HBxxx (xxx = 525-565, in increment of 5)  
108 cells: TWxxxMIP-108-H (xxx = 525-565, in increment of 5)  
108 cells: TWxxxMIP-108-H-S (xxx = 525-565, in increment of 5)  
108 cells: TWxxxMIP-108-H-F (xxx = 525-565, in increment of 5)  
108 cells: TWxxxMCP-108-H (xxx = 525-545, in increment of 5)  
108 cells: TWxxxMCP-108-H-S (xxx = 525-545, in increment of 5)  
108 cells: TWxxxMCP-108-H-F (xxx = 525-545, in increment of 5)  
110 cells: TWMPF-55HSxxx (xxx = 535-580, in increment of 5)  
110 cells: TWMPF-55HBxxx (xxx = 535-580, in increment of 5)  
110 cells: TWxxxMIP-110-H (xxx = 535-580, in increment of 5)  
110 cells: TWxxxMIP-110-H-S (xxx = 535-580, in increment of 5)  
110 cells: TWxxxMIP-110-H-F (xxx = 535-580, in increment of 5)  
110 cells: TWxxxMCP-110-H (xxx = 535-580, in increment of 5)  
110 cells: TWxxxMCP-110-H-S (xxx = 535-580, in increment of 5)  
110 cells: TWxxxMCP-110-H-F (xxx = 535-580, in increment of 5)  
100 cells: TWMPF-50HSxxx (xxx = 485-525, in increment of 5)  
100 cells: TWMPF-50HBxxx (xxx = 485-525, in increment of 5)  
100 cells: TWxxxMIP-100-H (xxx = 485-525, in increment of 5)  
100 cells: TWxxxMIP-100-H-S (xxx = 485-525, in increment of 5)  
100 cells: TWxxxMIP-100-H-F (xxx = 485-525, in increment of 5)  
100 cells: TWxxxMCP-100-H (xxx = 485-525, in increment of 5)  
100 cells: TWxxxMCP-100-H-S (xxx = 485-525, in increment of 5)  
100 cells: TWxxxMCP-100-H-F (xxx = 485-525, in increment of 5)

Maximum system voltage: 1500V  
Fuse rating: 30A  
Electrical protection class: Class II  
Pollution degree: 1  
Material group: I  
Design load (positive / negative): 3600Pa / 1600Pa, refer to CDF for details  
Safety factors: 1.5  
Fire safety class: Class A or Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details

Module types: **PV Modules with Half-cut 8" TOPCon Mono-crystalline Silicon Solar Cells:**  
132 cells: TWMNF-66HSxxx (xxx = 650-700, in increment of 5)  
132 cells: TWMNF-66HBxxx (xxx = 650-700, in increment of 5)  
132 cells: TWxxxMIT-132-H (xxx = 650-700, in increment of 5)



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132 cells: TWxxxMIT-132-H-S (xxx = 650-700, in increment of 5)  
132 cells: TWxxxMIT-132-H-F (xxx = 650-700, in increment of 5)  
120 cells: TWMNF-60HSxxx (xxx = 590-635, in increment of 5)  
120 cells: TWMNF-60HBxxx (xxx = 590-635, in increment of 5)  
120 cells: TWxxxMIT-120-H (xxx = 590-635, in increment of 5)  
120 cells: TWxxxMIT-120-H-S (xxx = 590-635, in increment of 5)  
120 cells: TWxxxMIT-120-H-F (xxx = 590-635, in increment of 5)  
108 cells: TWMNF-54HSxxx (xxx = 530-570, in increment of 5)  
108 cells: TWMNF-54HBxxx (xxx = 530-570, in increment of 5)  
108 cells: TWxxxMIT-108-H (xxx = 530-570, in increment of 5)  
108 cells: TWxxxMIT-108-H-S (xxx = 530-570, in increment of 5)  
108 cells: TWxxxMIT-108-H-F (xxx = 530-570, in increment of 5)  
110 cells: TWMNF-55HSxxx (xxx = 540-580, in increment of 5)  
110 cells: TWMNF-55HBxxx (xxx = 540-580, in increment of 5)  
110 cells: TWxxxMIT-110-H (xxx = 540-580, in increment of 5)  
110 cells: TWxxxMIT-110-H-S (xxx = 540-580, in increment of 5)  
110 cells: TWxxxMIT-110-H-F (xxx = 540-580, in increment of 5)  
100 cells: TWMNF-50HSxxx (xxx = 490-530, in increment of 5)  
100 cells: TWMNF-50HBxxx (xxx = 490-530, in increment of 5)  
100 cells: TWxxxMIT-100-H (xxx = 490-530, in increment of 5)  
100 cells: TWxxxMIT-100-H-S (xxx = 490-530, in increment of 5)  
100 cells: TWxxxMIT-100-H-F (xxx = 490-530, in increment of 5)

Maximum system voltage:	1500V
Fuse rating:	30A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa, refer to CDF for details
Safety factors:	1.5
Fire safety class:	Class A or Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018), refer to CDF for details

## Remark:

For detailed product information, please refer to CDF (Constructional Data Form).



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