

ist Hersteller und verantwortlich für:

Konformitätserklärung / Declaration of Conformity

Produkt-Typ:	Plug & Play Photovoltaik-Set für Netzparallelbetrieb steckbar mittels Haushaltsstecker in Endstromkreis
Modell:	1800 Wp Plug & Play (CN), 4 Panels / Solarflow 800
Komponenten:	• 4x Trina 450NEG9R / 450 Wp / IP-67 / Schutzklasse II • 1x Zendure Solarflow 800, Max. DC 2400, VDC 15-55V, Max. AC 600W (Firmware per Standort-Erkennung / Netzprofil CH_NA EEA-NE7-CH2020 gedrosselt) • 1x Zendure Erweiterungsbatterie AB2000/S/X, 1920 Wh • 1x Anschlusskabel vorkonfektioniert mit Betteri Buchse BC01 IP67, 3moder 20m / 3x1,0mm2 Leitung / AC Seitig CH-Typ 13 Stecker IP 55 • 2x MC4 Evo2 Stecker zur Parallelschaltung, max. 1500 VDC, IP68

Konform nach ESTI-Mitteilung 07/2014 und in Übereinstimmung mit der Verordnung über elektrische Niederspannungserzeugnisse (NEV; SR 734.26) (Stand 14.08.2024).

Dazu angewandte Normen:

Trina Vertex S+ TSM-450NEG9R.28 Doppelglas	IEC 61215-1:2016, IEC 61215-1-1:2016, IEC 61215-2:2016, IEC 61730-1:2016, IEC 61730-2:2016, EN 61215-1:2016, EN 61215-1-1:2016, EN 61215-2:2017, EN IEC 61730-1:2018, EN IEC 61730-1:2018/AC:2018-06, EN IEC 61730-2:2018, EN IEC 61730-2:2018/AC:2018-06
Zendure Solarflow 800	2014/53/EU (RED), 2011/65/EU (RoHS), 2015/863/EU (RoHS), EN 62109-1:2010, EN 62109-2:2011, ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-3 V2.1.1 (2019-03), ETSI EN 301 489-17 V3.2.4 (2020-09), EN 55032:2015+A11:2020, EN 55035:2017+A11:2020, ETSI EN 300 328 V2.2.2 (2019-07), ETSI EN 300 440 V2.2.1 (2018-07), IEC 62321-3-1:2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017
Erweiterungsbatterie AB2000/S/X	EN IEC 62368-1:2020+A11:2020 EN 55032:2015+A11:2020 EN 55035: 2017+A11: 2020 EN IEC 61000-3-2: 2019 EN 61000-3-3: 2013 +A1:2019 IEC 62321-3-1:2013 IEC 62321-4:2013+AMD1:2017 IEC 62321-5:2013 IEC 62321-6:2015 IEC 62321-7-1:2015 IEC 62321-7-2:2017 IEC 62321-8:2017
Zendure BC01 Anschlusskabel vorkonfektioniert in 3m	Betteri Buchse Wechselrichterseite, Schutzart IEC EN 60529 IP67, Anschlusskabel 5m oder 10m H07RN-F, EN 50525-2-21: 2011, Stecker CH Typ 13: IEC 60884-1 (Ed 4.0): 2022 / SN 441011-1: 2019 +Corr2019 / SN 441011-2-1:2021, IP55
MC4 Evo2 Stecker zur Parallelschaltung Male/ Female	Salznebelprüftest, Schärfegrad 6, IEC 60068-2-52; UV-Beständigkeit (ISO 4892-2/3); IEC62852:2014+AMD1:2020; gesteckt Wasserdicht IP68
ROHS Konformität	Gesamtes Set konform gemäss IEC EN 63000: 2018

Michael Sebel, Geschäftsführung
erneuer.bar services GmbH



1800 Wp Plug & Play (CN), 4 Panels / Solarflow 800 / Version 1.0 / Datum: 14.08.2024

460 W

MAXIMALE NENNLEISTUNG

0/+5 W

POSITIVE LEISTUNGSTOLERANZ

23,0 %

MAXIMALER WIRKUNGSGRAD



Kleine Maße, große Leistung

- Bis zu 430 W Spitzenleistung, 23,0 % Modulwirkungsgrad mit High-Density-Zellverbindungstechnologie
- Multi-Busbar-Technologie für mehr Absorption, geringeren Serienwiderstand, verbesserte Stromableitung und erhöhte Zuverlässigkeit
- Geringere Montagekosten bei erhöhter Leistung und Effizienz



Doppelglas für max. Zuverlässigkeit

- Ausgezeichnete Beständigkeit gegen Feuer und bei schwierigen Umweltbedingungen
- 5.400 Pa Scheelast und 4.000 Pa Windlast (Testlasten)



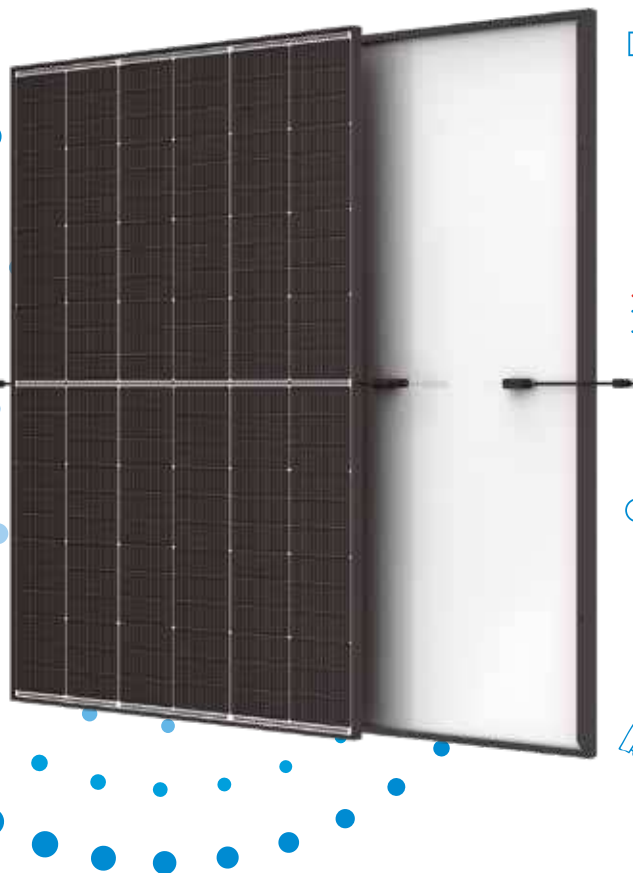
Maximaler Ertrag

- 25 Jahre Produktgarantie auf die Verarbeitung und 30 Jahre Leistungsgarantie
- N-typ Technologie mit 1 % Degradation im ersten Jahr und 0,4 % in den Jahren 2-30



Universelle Lösung für Wohn- und Gewerbedächer

- Hohe Kompatibilität mit verfügbaren Wechselrichtern, Optimizern und Montagesystemen
- Leichte Handhabung durch perfekte Größe und geringes Gewicht. Optimierte Transportkosten
- Flexible Installationslösungen für den Systemeinsatz

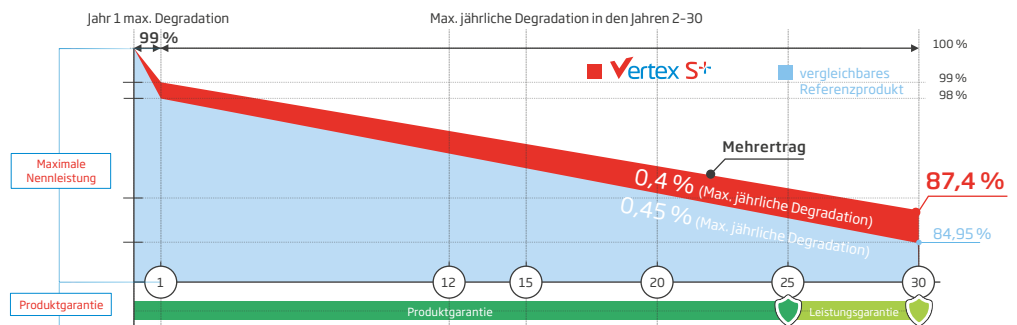


Erweiterte Garantie für Vertex S+

1 %
Max. Degradation in Jahr 1

0,4 %
Max. jährliche Degradation in den Jahren 2-30

25 Jahre
Produktgarantie

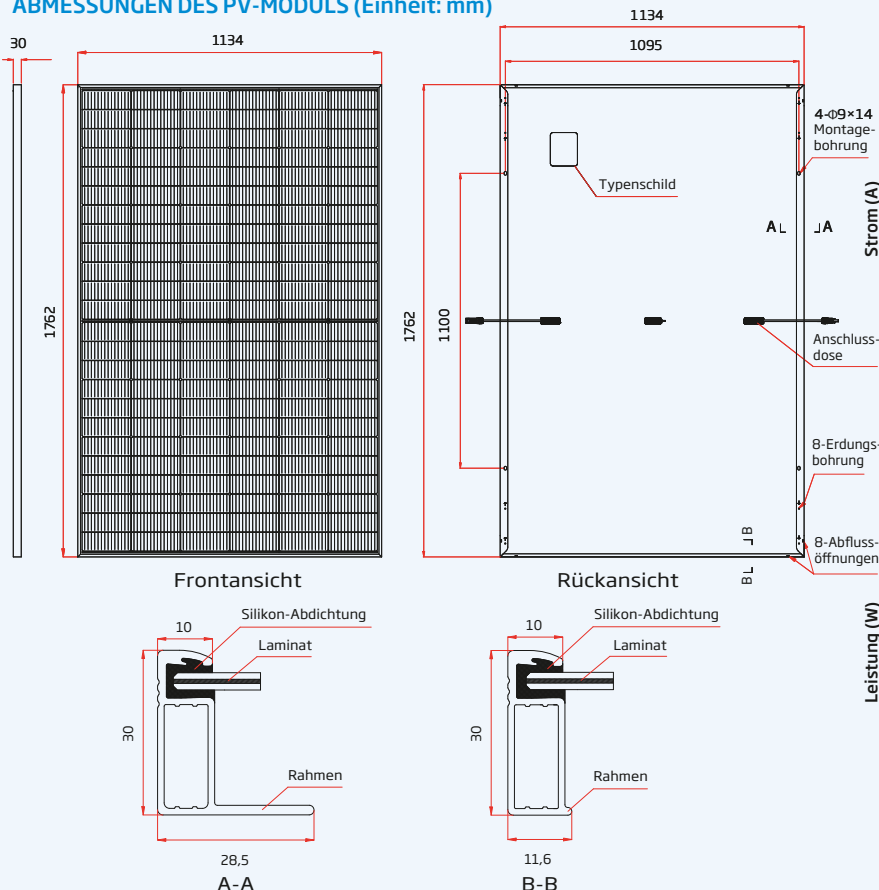


Umfassende Produkt- und Systemzertifikate

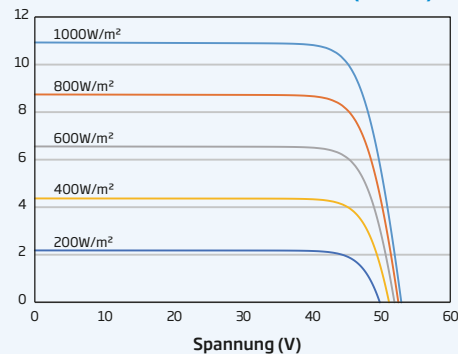


IEC61215/IEC61730/IEC61701/IEC62716
 ISO 9001: Qualitätsmanagementsystem
 ISO 14001: Umweltmanagementsystem
 ISO14064: Verifizierung der CO₂-Bilanz
 ISO45001: Arbeitsschutzmanagementsystem
 ISO 14067: Carbon Footprint von Produkten
 ISO 14025: Umweltproduktdeklaration

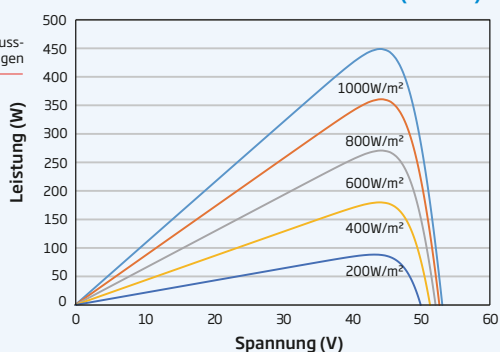
ABMESSUNGEN DES PV-MODULS (Einheit: mm)



I-V KURVEN DES PV-MODULS (450 W)



P-V KURVEN DES PV-MODULS (450 W)



ELEKTRISCHE DATEN (STC)

TSM-430 TSM-435 TSM-440 TSM-445 TSM-450 TSM-455 TSM-460
NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28

Nominalleistung- P_{MAX} (Wp)*	430	435	440	445	450	455	460
Leistungstoleranz- P_{MAX} (W)				0/+5			
Spannung im MPP- U_{MPP} (V)	43,2	43,6	44,0	44,3	44,6	45,0	45,4
Strom im MPP- I_{MPP} (A)	9,96	9,99	10,01	10,05	10,09	10,11	10,14
Leerlaufspannung- U_{OC} (V)	51,4	51,8	52,2	52,6	52,9	53,4	53,8
Kurzschlussstrom- I_{SC} (A)	10,59	10,64	10,67	10,71	10,74	10,77	10,81
Modulwirkungsgrad η_m (%)	21,5	21,8	22,0	22,3	22,5	22,8	23,0

STC: Einstrahlung 1000 W/m², Zelltemperatur 25 °C, Spektrale Verteilung von AM 1.5. *Messtoleranz: ±3 %.

ELECTRICAL DATA (NOCT)

TSM-430 TSM-435 TSM-440 TSM-445 TSM-450 TSM-455 TSM-460
NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28 NEG9R.28

Nominalleistung- P_{MAX} (Wp)	329	333	337	341	344	348	352
Spannung im MPP- U_{MPP} (V)	40,7	41,0	41,4	41,7	42,0	42,3	42,7
Strom im MPP- I_{MPP} (A)	8,08	8,12	8,14	8,17	8,19	8,22	8,25
Leerlaufspannung- U_{OC} (V)	48,7	49,1	49,5	49,9	50,2	50,6	51,0
Kurzschlussstrom- I_{SC} (A)	8,54	8,58	8,60	8,63	8,66	8,68	8,71

NOCT: Einstrahlung 800 W/m², Umgebungstemperatur 20 °C, Windgeschwindigkeit 1 m/s.

MECHANISCHE DATEN

Solarzellen	N-Typ i-TOPCon Modul
Zellanordnung	144 Zellen
Modulmaße	1762×1134×30 mm
Gewicht	21,0 kg
Glas	1,6 mm, hochtransparentes, anti-reflexbeschichtetes hitzevorgespanntes Glas
Rückseite	1,6 mm, Hitzevorgespanntes Glas
Rahmen	30 mm eloxierte Aluminiumlegierung, Schwarz
Anschlussdose	IP 68
Kabel	Photovoltaikkabel: 4,0 mm² Hochformat: 1100/1100 mm Querformat: 280/350 mm*
Stecker	TS4 / MC4 EV02*

*Nur auf Bestellung.

TEMPERATURWERTE

NOCT (Nennbetriebstemperatur der Zelle)	43°C (±2°C)
Temperaturkoeffizient von P_{MAX}	-0,29%/°C
Temperaturkoeffizient von V_{OC}	-0,24%/°C
Temperaturkoeffizient von I_{SC}	0,04%/°C

EINSATZBEREICH

Betriebstemperatur	-40 to +85 °C
Maximale Systemspannung	1500 V DC (IEC)
Maximale Absicherung	25 A

GARANTIE

25 Jahre Produktgarantie auf die Verarbeitung
30 Jahre Leistungsgarantie
1 % max. Degradation im ersten Jahr
0,4 % max. jährliche Degradation

(Nähere Details finden Sie in den Bedingungen der beschränkten Garantie)

VERPACKUNGSEINHEITEN

Module pro Karton:	36 Stck.
Module pro 40-Fuß-Container:	936 Stck.

DECLARATION OF CONFORMITY

Holder of Declaration: Trina Solar Co., Ltd.

Address: No.2 TianHe Road, Trina PV Industrial Park, New District, Changzhou City, Jiangsu Province
213031, P. R. China.

Brand Name: Trina Solar

We, Trina Solar Co., Ltd. hereby declare that the product (s):

Product: Mono/Poly Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Type Designation:

➤ Backsheet Module System Voltage: 1500V DC

TSM-xxxPE14A, TSM-xxxPE14A.08, TSM-xxxPE14A.09, TSM-xxxPE14A(II), TSM-xxxPE14A.08(II),
TSM-xxxPE14A.09(II), TSM-xxxPE14A.T0, TSM-xxxPE14A.T8, TSM-xxxPE14A.T9, TSM-xxxPE14A.T0(II),
TSM-xxxPE14A.T8(II), TSM-xxxPE14A.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPE05A, TSM-xxxPE05A.08, TSM-xxxPE05A.09, TSM-xxxPE05A(II), TSM-xxxPE05A.08(II),
TSM-xxxPE05A.09(II), TSM-xxxPE05A.T0, TSM-xxxPE05A.T8, TSM-xxxPE05A.T9,
TSM-xxxPE05A.T0(II), TSM-xxxPE05A.T8(II), TSM-xxxPE05A.T9(II), (xxx=255-300, in steps of 5);

TSM-xxxPE14B, TSM-xxxPE14B.08, TSM-xxxPE14B.09, TSM-xxxPE14B(II), TSM-xxxPE14B.08(II),
TSM-xxxPE14B.09(II), TSM-xxxPE14B.T0, TSM-xxxPE14B.T8, TSM-xxxPE14B.T9,
TSM-xxxPE14B.T0(II), TSM-xxxPE14B.T8(II), TSM-xxxPE14B.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPE15B, TSM-xxxPE15B.08, TSM-xxxPE15B.09, TSM-xxxPE15B(II), TSM-xxxPE15B.08(II),
TSM-xxxPE15B.09(II), TSM-xxxPE15B.T0, TSM-xxxPE15B.T8, TSM-xxxPE15B.T9,
TSM-xxxPE15B.T0(II), TSM-xxxPE15B.T8(II), TSM-xxxPE15B.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPE15A, TSM-xxxPE15A.08, TSM-xxxPE15A.09, TSM-xxxPE15A(II), TSM-xxxPE15A.08(II),
TSM-xxxPE15A.09(II), TSM-xxxPE15A.T0, TSM-xxxPE15A.T8, TSM-xxxPE15A.T9, TSM-xxxPE15A.T0(II),
TSM-xxxPE15A.T8(II), TSM-xxxPE15A.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPE06A, TSM-xxxPE06A.08, TSM-xxxPE06A.09, TSM-xxxPE06A(II), TSM-xxxPE06A.08(II),
TSM-xxxPE06A.09(II), TSM-xxxPE06A.T0, TSM-xxxPE06A.T8, TSM-xxxPE06A.T9,
TSM-xxxPE06A.T0(II), TSM-xxxPE06A.T8(II), TSM-xxxPE06A.T9(II), (xxx=255-300, in steps of 5);

TSM-xxxPE15HB, TSM-xxxPE15HB.08, TSM-xxxPE15HB.09, TSM-xxxPE15HB(II), TSM-xxxPE15HB.08(II),
TSM-xxxPE15HB.09(II), TSM-xxxPE15HB.T0, TSM-xxxPE15HB.T8, TSM-xxxPE15HB.T9,
TSM-xxxPE15HB.T0(II), TSM-xxxPE15HB.T8(II), TSM-xxxPE15HB.T9(II),
(xxx=320-390, in steps of 5);

TSM-xxxDE14A(II), TSM-xxxDE14A.08(II), TSM-xxxDE14A.09(II), TSM-xxxDE14A.T0(II),
TSM-xxxDE14A.T8(II), TSM-xxxDE14A.T9(II), TSM-xxxDE14A.05(II), (xxx=330-390, in steps of 5);

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TSM-xxxDE05A(II), TSM-xxxDE05A.08(II), TSM-xxxDE05A.09(II), TSM-xxxDE05A.T0(II),
TSM-xxxDE05A.T8(II), TSM-xxxDE05A.T9(II), TSM-xxxDE05A.05(II), (xxx=275-325, in steps of 5);

TSM-xxxDE14B(II), TSM-xxxDE14B.08(II), TSM-xxxDE14B.09(II), TSM-xxxDE14B.T0(II),
TSM-xxxDE14B.T8(II), TSM-xxxDE14B.T9(II), TSM-xxxDE14B.05(II), (xxx=330-385, in steps of 5);

TSM-xxxDE15B(II), TSM-xxxDE15B.08(II), TSM-xxxDE15B.09(II), TSM-xxxDE15B.T0(II),
TSM-xxxDE15B.T8(II), TSM-xxxDE15B.T9(II), TSM-xxxDE15B.05(II), (xxx=330-385, in steps of 5);

TSM-xxxDE15A(II), TSM-xxxDE15A.08(II), TSM-xxxDE15A.09(II), TSM-xxxDE15A.T0(II),
TSM-xxxDE15A.T8(II), TSM-xxxDE15A.T9(II), TSM-xxxDE15A.08(II), TSM-xxxDE15A.05(II),
(xxx=330-385, in steps of 5);

TSM-xxxDE06A(II), TSM-xxxDE06A.08(II), TSM-xxxDE06A.09(II), TSM-xxxDE06A.T0(II),
TSM-xxxDE06A.T8(II), TSM-xxxDE06A.T9(II), TSM-xxxDE06A.05(II), (xxx=275-325, in steps of 5);

TSM-xxxDE15HB(II), TSM-xxxDE15HB.08(II), TSM-xxxDE15HB.09(II), TSM-xxxDE15HB.T0(II),
TSM-xxxDE15HB.T8(II), TSM-xxxDE15HB.T9(II), TSM-xxxDE15HB.05(II),
(xxx=330-425, in steps of 5);

TSM-xxxPE14H, TSM-xxxPE14H.08, TSM-xxxPE14H.09, TSM-xxxPE14H(II), TSM-xxxPE14H.08(II),
TSM-xxxPE14H.09(II), TSM-xxxPE14H.T0, TSM-xxxPE14H.T8, TSM-xxxPE14H.T9,
TSM-xxxPE14H.T0(II), TSM-xxxPE14H.T8(II), TSM-xxxPE14H.T9(II), (xxx=320-360, in steps of 5);

TSM-xxxPE05H, TSM-xxxPE05H.08, TSM-xxxPE05H.09, TSM-xxxPE05H(II), TSM-xxxPE05H.08(II),
TSM-xxxPE05H.09(II), TSM-xxxPE05H.T0, TSM-xxxPE05H.T8, TSM-xxxPE05H.T9,
TSM-xxxPE05H.T0(II), TSM-xxxPE05H.T8(II), TSM-xxxPE05H.T9(II), (xxx=270-300, in steps of 5);

TSM-xxxPE14HB, TSM-xxxPE14HB.08, TSM-xxxPE14HB.09, TSM-xxxPE14HB(II),
TSM-xxxPE14HB.08(II), TSM-xxxPE14HB.09(II), TSM-xxxPE14HB.T0, TSM-xxxPE14HB.T8,
TSM-xxxPE14HB.T9, TSM-xxxPE14HB.T0(II), TSM-xxxPE14HB.T8(II), TSM-xxxPE14HB.T9(II),
(xxx=320-360, in steps of 5);

TSM-xxxPE15H, TSM-xxxPE15H.08, TSM-xxxPE15H.09, TSM-xxxPE15H(II), TSM-xxxPE15H.08(II),
TSM-xxxPE15H.09(II), TSM-xxxPE15H.T0, TSM-xxxPE15H.T8, TSM-xxxPE15H.T9, TSM-xxxPE15H.T0(II),
TSM-xxxPE15H.T8(II), TSM-xxxPE15H.T9(II), (xxx=320-405, in steps of 5);

TSM-xxxPE06H, TSM-xxxPE06H.08, TSM-xxxPE06H.09, TSM-xxxPE06H(II), TSM-xxxPE06H.08(II),
TSM-xxxPE06H.09(II), TSM-xxxPE06H.T0, TSM-xxxPE06H.T8, TSM-xxxPE06H.T9, TSM-xxxPE06H.T0(II),
TSM-xxxPE06H.T8(II), TSM-xxxPE06H.T9(II), (xxx=270-335, in steps of 5);

TSM-xxxPE15M, TSM-xxxPE15M.08, TSM-xxxPE15M.09, TSM-xxxPE15M(II), TSM-xxxPE15M.08(II),
TSM-xxxPE15M.09(II), TSM-xxxPE15M.T0, TSM-xxxPE15M.T8, TSM-xxxPE15M.T9,
TSM-xxxPE15M.T0(II), TSM-xxxPE15M.T8(II), TSM-xxxPE15M.T9(II), (xxx=320-405, in steps of 5);

TSM-xxxPE06M, TSM-xxxPE06M.08, TSM-xxxPE06M.09, TSM-xxxPE06M(II), TSM-xxxPE06M.08(II),
TSM-xxxPE06M.09(II), TSM-xxxPE06M.T0, TSM-xxxPE06M.T8, TSM-xxxPE06M.T9,
TSM-xxxPE06M.T0(II), TSM-xxxPE06M.T8(II), TSM-xxxPE06M.T9(II), (xxx=270-335, in steps of 5);

TSM-xxxDE14H(II), TSM-xxxDE14H.08(II), TSM-xxxDE14H.09(II), TSM-xxxDE14H.T0(II),
TSM-xxxDE14H.T8(II), TSM-xxxDE14H.T9(II), TSM-xxxDE14H.05(II), (xxx=330-395, in steps of 5);

TSM-xxxDE05H(II), TSM-xxxDE05H.08(II), TSM-xxxDE05H.09(II), TSM-xxxDE05H.T0(II),
TSM-xxxDE05H.T8(II), TSM-xxxDE05H.T9(II), TSM-xxxDE05H.05(II), (xxx=275-335, in steps of 5);

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TSM-xxxDE14HB(II), TSM-xxxDE14HB.08(II), TSM-xxxDE14HB.09(II), TSM-xxxDE14HB.T0(II), TSM-xxxDE14HB.T8(II), TSM-xxxDE14HB.T9(II), TSM-xxxDE14HB.05(II), (xxx=330-395, in steps of 5);

TSM-xxxDE15H(II), TSM-xxxDE15H.08(II), TSM-xxxDE15H.09(II), TSM-xxxDE15H.T0(II), TSM-xxxDE15H.T8(II), TSM-xxxDE15H.T9(II), TSM-xxxDE15H.05(II), (xxx=330-425, in steps of 5);

TSM-xxxDE06H(II), TSM-xxxDE06H.08(II), TSM-xxxDE06H.09(II), TSM-xxxDE06H.T0(II), TSM-xxxDE06H.T8(II), TSM-xxxDE06H.T9(II), TSM-xxxDE06H.05(II), (xxx=275-350, in steps of 5);

TSM-xxxDE15M(II), TSM-xxxDE15M.08(II), TSM-xxxDE15M.09(II), TSM-xxxDE15M.T0(II), TSM-xxxDE15M.T8(II), TSM-xxxDE15M.T9(II), TSM-xxxDE15M.05(II), (xxx=330-420, in steps of 5);

TSM-xxxDE06M(II), TSM-xxxDE06M.08(II), TSM-xxxDE06M.09(II), TSM-xxxDE06M.T0(II), TSM-xxxDE06M.T8(II), TSM-xxxDE06M.T9(II), TSM-xxxDE06M.05(II), (xxx=275-350, in steps of 5);

TSM-xxxDE17M(II), TSM-xxxDE17M.08(II), TSM-xxxDE17M.09(II), TSM-xxxDE17M.T0(II), TSM-xxxDE17M.T8(II), TSM-xxxDE17M.T9(II), TSM-xxxDE17M.05(II), (xxx=390-465, in steps of 5);

TSM-xxxDE08M(II), TSM-xxxDE08M.08(II), TSM-xxxDE08M.09(II), TSM-xxxDE08M.T0(II), TSM-xxxDE08M.T8(II), TSM-xxxDE08M.T9(II), TSM-xxxDE08M.05(II), (xxx=335-385, in steps of 5);

TSM-xxxDE15X(II), TSM-xxxDE15X.08(II), TSM-xxxDE15X.09(II), TSM-xxxDE15X.T0(II), TSM-xxxDE15X.T8(II), TSM-xxxDE15X.T9(II), TSM-xxxDE15X.05(II), (xxx=405-435, in steps of 5);

TSM-xxxDE06X(II), TSM-xxxDE06X.08(II), TSM-xxxDE06X.09(II), TSM-xxxDE06X.T0(II), TSM-xxxDE06X.T8(II), TSM-xxxDE06X.T9(II), TSM-xxxDE06X.05(II), (xxx=345-375, in steps of 5);

TSM-xxxNE15X(II), TSM-xxxNE15X.08(II), TSM-xxxNE15X.09(II), TSM-xxxNE15X.T8(II), TSM-xxxNE15X.T9(II), TSM-xxxNE15X.05(II), TSM-xxxNE15X.T0(II), (xxx=405-435, in steps of 5);

TSM-xxxNE06X(II), TSM-xxxNE06X.08(II), TSM-xxxNE06X.09(II), TSM-xxxNE06X.T0(II), TSM-xxxNE06X.T8(II), TSM-xxxNE06X.T9(II), TSM-xxxNE06X.05(II), (xxx=345-390, in steps of 5);

TSM-xxxPE17M, TSM-xxxPE17M.08, TSM-xxxPE17M.09, TSM-xxxPE17M(II), TSM-xxxPE17M.08(II), TSM-xxxPE17M.09(II), TSM-xxxPE17M.T0, TSM-xxxPE17M.T8, TSM-xxxPE17M.T9, TSM-xxxPE17M.T0(II), TSM-xxxPE17M.T8(II), TSM-xxxPE17M.T9(II), (xxx=320-445, in steps of 5);

TSM-xxxPE08M, TSM-xxxPE08M.08, TSM-xxxPE08M.09, TSM-xxxPE08M(II), TSM-xxxPE08M.08(II), TSM-xxxPE08M.09(II), TSM-xxxPE08M.T0, TSM-xxxPE08M.T8, TSM-xxxPE08M.T9, TSM-xxxPE08M.T0(II), TSM-xxxPE08M.T8(II), TSM-xxxPE08M.T9(II), (xxx=270-365, in steps of 5);

TSM-xxxDE18M(II), TSM-xxxDE18M.08(II), TSM-xxxDE18M.09(II), TSM-xxxDE18M.T0(II), TSM-xxxDE18M.T8(II), TSM-xxxDE18M.T9(II), TSM-xxxDE18M.05(II), TSM-xxxDE18M.B0(II), TSM-xxxDE18M.B5(II), TSM-xxxDE18M.B8(II), TSM-xxxDE18M.60(II), TSM-xxxDE18M.68(II), TSM-xxxDE18M.00S(II), TSM-xxxDE18M.08S(II), TSM-xxxDE18M.68S(II), (xxx=470-520, in steps of 5);

TSM-xxxDE17X(II), TSM-xxxDE17X.08(II), TSM-xxxDE17X.09(II), TSM-xxxDE17X.T8(II), TSM-xxxDE17X.T9(II), TSM-xxxDE17X.05(II), TSM-xxxDE17X.T0(II), (xxx=450-485, in steps of 5);

TSM-xxxDE171H(II), (xxx=315-350, in steps of 5);

TSM-xxxDE09, TSM-xxxDE09.08, TSM-xxxDE09.09, TSM-xxxDE09.05, TSM-xxxDE09.T0, TSM-xxxDE09.T8, TSM-xxxDE09.T9, TSM-xxxDE09C.05, TSM-xxxDE09C.07, TSM-xxxDE09.B0, TSM-xxxDE09.B5, TSM-xxxDE09.B8, TSM-xxxDE09.00S, TSM-xxxDE09.05S, TSM-xxxDE09.08S, (xxx=375-415, in steps of 5)

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TSM-xxxNE06M(II), TSM-xxxNE06M.08(II), TSM-xxxNE06M.09(II), TSM-xxxNE06M.T0(II),
TSM-xxxNE06M.T8(II), TSM-xxxNE06M.T9(II), TSM-xxxNE06M.05(II), (xxx=315-355, in steps of 5)

TSM-xxxNE07M(II), TSM-xxxNE07M.08(II), TSM-xxxNE07M.09(II), TSM-xxxNE07M.T0(II), TSM-
xxxNE07M.T8(II), TSM-xxxNE07M.T9(II), TSM-xxxNE07M.05(II), (xxx=315-335, in steps of 5)

TSM-xxxNE15M (II), TSM-xxxNE15M.08(II), TSM-xxxNE15M.09(II), TSM-xxxNE15M.T0(II), TSM-
xxxNE15M.T8(II), TSM-xxxNE15M.T9(II), TSM-xxxNE15M.05(II), (xxx=375-430, in steps of 5)

TSM-xxxNE16M (II), TSM-xxxNE16M.08(II), TSM-xxxNE16M.09(II), TSM-xxxNE16M.T0(II), TSM-
xxxNE16M.T8(II), TSM-xxxNE16M.T9(II), TSM-xxxNE16M.05(II), (xxx=375-405, in steps of 5)

TSM-xxxDE20, TSM-xxxDE20.05, TSM-xxxDE20.08, TSM-xxxDE20.09, TSM-xxxDE20.T0,
TSM-xxxDE20.T8, TSM-xxxDE20.T9, TSM-xxxDE20.B0, TSM-xxxDE20.B5, TSM-xxxDE20.B8,
TSM-xxxDE20.60, TSM-xxxDE20.68, TSM-xxxDE20.00S, TSM-xxxDE20.60S,
TSM-xxxDE20.68S, TSM-xxxDE20.70, TSM-xxxDE20.W (xxx=575-615, in steps of 5);

TSM-xxxDE19, TSM-xxxDE19.05, TSM-xxxDE19.08, TSM-xxxDE19.09, TSM-xxxDE19.T0,
TSM-xxxDE19.T8, TSM-xxxDE19.T9, TSM-xxxDE19.B0, TSM-xxxDE19.B5, TSM-xxxDE19.B8,
TSM-xxxDE19.60, TSM-xxxDE19.68, TSM-xxxDE19.00S, TSM-xxxDE19.60S, TSM-
xxxDE19.68S, (xxx=500-560, in steps of 5);

TSM-xxxDE18, TSM-xxxDE18.05, TSM-xxxDE18.08, TSM-xxxDE18.09, TSM-xxxDE18.T0,
TSM-xxxDE18.T8, TSM-xxxDE18.T9, TSM-xxxDE18.60, TSM-xxxDE18C(xxx=515-560, in steps of 5);

TSM-xxxDE10, TSM-xxxDE10.05, TSM-xxxDE10.08, TSM-xxxDE10.09, TSM-xxxDE10.T0,
TSM-xxxDE10.T8, TSM-xxxDE10.T9, (xxx=430-455, in steps of 5);

TSM-xxxDE15V(II), TSM-xxxDE15V.08(II), TSM-xxxDE15V.09(II), TSM-xxxDE15V.T0(II), TSM-
xxxDE15V.T8(II), TSM-xxxDE15V.T9(II), TSM-xxxDE15V.05(II), (xxx=465-490, in steps of 5)

TSM-xxxDE15MB(II), TSM-xxxDE15MB.08(II), TSM-xxxDE15MB.09(II), TSM-xxxDE15MB.10(II),
TSM-xxxDE15MB.18(II), TSM-xxxDE15MB.T0(II), TSM-xxxDE15MB.T8(II), TSM-xxxDE15MB.T9(II),
TSM-xxxDE15MB.05(II), (xxx=330-420, in steps of 5)

TSM-xxxDE21, TSM-xxxDE21.05, TSM-xxxDE21.08, TSM-xxxDE21.09, TSM-xxxDE21.T0,
TSM-xxxDE21.T8, TSM-xxxDE21.T9, TSM-xxxDE21.60, TSM-xxxDE21.68, TSM-xxxDE21.00S,
TSM-xxxDE21.60S, TSM-xxxDE21.68S, TSM-xxxDE21.70 (xxx=635-680, in steps of 5)

TSM-xxxDE06XC (II), TSM-xxxDE06XC.08(II), TSM-xxxDE06XC.09(II), TSM-xxxDE06XC.05(II),
TSM-xxxDE06XC.07(II), (xxx=355-380, in steps of 5)

TSM-xxxNE21, TSM-xxxNE21.05, TSM-xxxNE21.08, TSM-xxxNE21.09, TSM-xxxNE21.T0,
TSM-xxxNE21.T8, TSM-xxxNE21.T9, (xxx=645-720, in steps of 5)

TSM-xxxNE18M(II), TSM-xxxNE18M.08(II), TSM-xxxNE18M.09(II), TSM- xxxNE18M.T0(II),
TSM-xxxNE18M.T8(II), TSM-xxxNE18M.T9(II), TSM-xxxNE18M.05(II), (xxx=490-530, in steps of 5)

TSM-xxxNE20, TSM-xxxNE20.05, TSM-xxxNE20.08, TSM-xxxNE20.09, TSM-xxxNE20.T0,
TSM-xxxNE20.T8, TSM-xxxNE20.T9, (xxx=590-655, in steps of 5)

TSM-xxxNE19, TSM-xxxNE19.05, TSM-xxxNE19.08, TSM-xxxNE19.09, TSM-xxxNE19.T0,
TSM-xxxNE19.T8, TSM-xxxNE19.T9, TSM-xxxNE19C, (xxx=540-560, in steps of 5)

TSM-xxxNE19R TSM-xxxNE19R.08 TSM-xxxNE19R.09 TSM-xxxNE19R.T0 TSM-xxxNE19R.T8,

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TSM-xxxNE19R.T9 TSM-xxxNE19R.05, (xxx=565-625, in steps of 5)

TSM-xxxNE09 ,TSM-xxxNE09.08 ,TSM-xxxNE09.09 ,TSM- xxxNE09.T0 ,TSM-xxxNE09.T8,
TSM-xxxNE09.T9 ,TSM-xxxNE09.05, (xxx=395-420, in steps of 5)

TSM-xxxDE21F ,TSM-xxxDE21F.08, TSM-xxxDE21F.09 ,TSM-xxxDE21F.T0 ,TSM-xxxDE21F.T8,
TSM-xxxDE21F.T9 ,TSM-xxxDE21F.05 ,(xxx=550-605, in steps of 5)

TSM-xxxDE19C, TSM-xxxDE19C.08 ,(xxx=500-560, in steps of 5)

TSM-xxxDE081M(II), TSM-xxxDE081M.08(II), TSM-xxxDE081M.09(II), TSM-xxxDE081M.T0(II),
TSM-xxxDE081M.T8(II), TSM-xxxDE081M.T9(II), TSM-xxxDE081M.05(II) ,
(xxx=265-295, in steps of 5)

TSM-xxxDE061M(II), TSMxxxDE061M(II).08(II) ,TSM-xxxDE061M.09(II) ,TSM-xxxDE061M.T0(II) ,
TSM-xxxDE061M.T8(II) ,TSM-xxxDE061M.T9(II) ,TSM-xxxDE061M.05(II) ,TSM-xxxDE061M.10(II),
TSM-xxxDE061M.18(II), (xxx=240-280, in steps of 5)

TSM-xxxDE151M(II) ,TSM-xxxDE151M.08(II), TSM-xxxDE151M.09(II), TSM-xxxDE151M.T0(II), TSM-
xxxDE151M.T8(II) ,TSM-xxxDE151M .T9(II) ,TSM-xxxDE151M .05(II), (xxx=300-350, in steps of 5)

TSM-xxxDE11, TSM-xxxDE11.08 ,TSM-xxxDE11.09 ,TSM-xxxDE11.T0 ,TSM-xxxDE11.T8 ,
TSM-xxxDE11.T9 ,TSM-xxxDE11.05, TSM-xxxDE11C, TSM-xxxDE11C.05 ,TSM-xxxDE11C.07,
(xxx=390-415, in steps of 5)

TSM-xxxDE09R, TSM-xxxDE09R.08, TSM-xxxDE09R.09 ,TSM-xxxDE09R.T0 ,TSM-xxxDE09R.T8,
TSM-xxxDE09R.T9, TSM-xxxDE09R.05, TSM-xxxDE09R.B0, TSM-xxxDE09R.B5, TSM-xxxDE09R.B8,
TSM-xxxDE09R.00S, TSM-xxxDE09R.08S, TSM-xxxDE09R.05S ,TSM-xxxDE09R.B0S ,TSM-xxxDE09R.B8S ,
TSM-xxxDE09R.B5S, (xxx=395-440, in steps of 5)

TSM-xxxPE14A.W, (xxx=305-345, in steps of 5); TSM-xxxDE19.W ,(xxx=500-560, in steps of 5);

TSM-xxxDE19R, TSM-xxxDE19R.08,TSM-xxxDE19R.09, TSM-xxxDE19R.T0, TSM-xxxDE19R.T8, TSM-
xxxDE19R.T9, TSM-xxxDE19R.05, TSM-xxxDE19R.00S, (xxx=550-605, in steps of 5)

TSM-xxxDE09.05W, TSM-xxxDE09.08W, (xxx=375-415, in steps of 5);

TSM-xxxDE09R.W, TSM-xxxDE09R.05W,TSM-xxxDE09R.08W,TSM-xxxDE09R.B5W,
TSM-xxxDE09R.B8W, TSM-xxxDE09R.B0W, (xxx=395-440, in steps of 5);

TSM-xxxDE18M.W(II), TSM-xxxDE18M.08W(II) , (xxx=470-520, in steps of 5);

TSM-xxxDE19R.W, TSM-xxxDE19R.B0, TSM-xxxDE19R.B5, TSM-xxxDE19R.B8, TSM-xxxDE19R.70
(xxx=550-605, in steps of 5);

TSM-xxxDE20.W, (xxx=575-610, in steps of 5);

TSM-xxxDE21.W, TSM-xxxDE21C ,TSM-xxxDE21C.05, TSM-xxxDE21C.07 (xxx=635-680, in steps of 5);

TSM-xxxNE09R ,TSM-xxxNE09R.05, TSM-xxxNE09R.08 ,TSM-xxxNE09R.B0 ,TSM-xxxNE09R.B5,
TSM-xxxNE09R.B8,(xxx=415-435, in steps of 5)

TSM-xxxNE09RC.05, TSM-xxxNE09RC.07, (xxx=365-440, in steps of 5);

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TSM-xxxJE09R; TSM-xxxJE09R.08(xxx=415-430, in steps of 5);

TSM-xxxDE18R, TSM-xxxDE18R.05, TSM-xxxDE18R.08, TSM-xxxDE18R.09, TSM-xxxDE18R.T0, TSM-xxxDE18R.T8, TSM-xxxDE18R.T9(xxx=450-495, in steps of 5)

➤ Backsheet Module System Voltage: 1000V DC

TSM-xxxPD14, TSM-xxxPD14.08, TSM-xxxPD14.09, TSM-xxxPD14(II), TSM-xxxPD14.08(II), TSM-xxxPD14.09(II), TSM-xxxPD14.T0, TSM-xxxPD14.T8, TSM-xxxPD14.T9, TSM-xxxPD14.T0(II), TSM-xxxPD14.T08(II), TSM-xxxPD14.T9(II), (xxx=305-360, in steps of 5)

TSM-xxxPD15, TSM-xxxPD15.08, TSM-xxxPD15.09, TSM-xxxPD15(II), TSM-xxxPD15.08(II), TSM-xxxPD15.09(II), TSM-xxxPD15.T0, TSM-xxxPD15.T8, TSM-xxxPD15.T9, TSM-xxxPD15.T0(II), TSM-xxxPD15.T8(II), TSM-xxxPD15.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPD05, TSM-xxxPD05.08, TSM-xxxPD05.09, TSM-xxxPD05(II), TSM-xxxPD05.08(II), TSM-xxxPD05.09(II), TSM-xxxPC05A, TSM-xxxPC05A.08, TSM-xxxPD05.T0, TSM-xxxPD05.T8, TSM-xxxPD05.T9, TSM-xxxPD05.T0(II), TSM-xxxPD05.T8(II), TSM-xxxPD05.T9(II), (xxx=255-300, in steps of 5);

TSM-xxxPD06, TSM-xxxPD06.08, TSM-xxxPD06.09, TSM-xxxPD06(II), TSM-xxxPD06.08(II), TSM-xxxPD06.09(II), TSM-xxxPC06A, TSM-xxxPC06A.08, TSM-xxxPD06.T0, TSM-xxxPD06.T8, TSM-xxxPD06.T9, TSM-xxxPD06.T0(II), TSM-xxxPD06.T8(II), TSM-xxxPD06.T9(II), (xxx=255-300, in steps of 5);

TSM-xxxDD14A(II), TSM-xxxDD14A.08(II), TSM-xxxDD14A.09(II), TSM-xxxDD14A.05(II), TSM-xxxDD14A.T0(II), TSM-xxxDD14A.T8(II), TSM-xxxDD14A.T9(II), (xxx=330-390, in steps of 5);

TSM-xxxDD15A(II), TSM-xxxDD15A.08(II), TSM-xxxDD15A.09(II), TSM-xxxDD15A.05(II),

TSM-xxxDD15A.T0(II), TSM-xxxDD15A.T8(II), TSM-xxxDD15A.T9(II), (xxx=330-385, in steps of 5);
TSM-xxxDD05A(II), TSM-xxxDD05A.08(II), TSM-xxxDD05A.09(II), TSM-xxxDC05A.08, TSM-xxxDD05A.05(II), TSM-xxxDC05A.05(II), TSM-xxxDD05A.T0(II), TSM-xxxDD05A.T8(II), TSM-xxxDD05A.T9(II), (xxx=275-325, in steps of 5);

TSM-xxxDD06A(II), TSM-xxxDD06A.08(II), TSM-xxxDD06A.09(II), TSM-xxxDC06A.08, TSM-xxxDD06A.05(II), TSM-xxxDC06A.05(II), TSM-xxxDD06A.T0(II), TSM-xxxDD06A.T8(II), TSM-xxxDD06A.T9(II), (xxx=275-325, in steps of 5);

TSM-xxxPD14.00U, TSM-xxxPD14.08U, TSM-xxxPD14.09U, TSM-xxxPD14.00U(II), TSM-xxxPD14.08U(II), TSM-xxxPD14.09U(II), (xxx=305-360, in steps of 5);

TSM-xxxPD05.00U, TSM-xxxPD05.08U, TSM-xxxPD05.09U, TSM-xxxPD05.00U(II), TSM-xxxPD05.08U(II), TSM-xxxPD05.09U(II), (xxx=255-300, in steps of 5);

TSM-xxxPD14B, TSM-xxxPD14B.08, TSM-xxxPD14B.09, TSM-xxxPD14B(II), TSM-xxxPD14B.08(II), TSM-xxxPD14B.09(II), TSM-xxxPD14B.T0, TSM-xxxPD14B.T8, TSM-xxxPD14B.T9, TSM-xxxPD14B.T0(II), TSM-xxxPD14B.T8(II), TSM-xxxPD14B.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPD15B, TSM-xxxPD15B.08, TSM-xxxPD15B.09, TSM-xxxPD15B(II), TSM-xxxPD15B.08(II), TSM-xxxPD15B.09(II), TSM-xxxPD15B.T0, TSM-xxxPD15B.T8, TSM-xxxPD15B.T9, TSM-xxxPD15B.T0(II), TSM-xxxPD15B.T8(II), TSM-xxxPD15B.T9(II), (xxx=305-360, in steps of 5);

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TSM-xxxDD14A.00U(II) , TSM-xxxDD14A.08U(II) , TSM-xxxDD14A.09U(II) ,
(xxx=330-380, in steps of 5);

TSM-xxxDD05A.00U(II) , TSM-xxxDD05A.08U(II) , TSM-xxxDD05A.09U(II) ,(xxx=275-315, in steps of 5);

TSM-xxxDD14B(II) , TSM-xxxDD14B.08(II) , TSM-xxxDD14B.09(II) , TSM-xxxDD14B.T0(II) , TSM-
xxxDD14B.T8(II) , TSM-xxxDD14B.T9(II) , (xxx=330-385, in steps of 5);

TSM-xxxDD15B(II) , TSM-xxxDD15B.08(II) , TSM-xxxDD15B.09(II) , TSM-xxxDD15B.T0(II) , TSM-
xxxDD15B.T8(II) , TSM-xxxDD15B.T9(II) , (xxx=330-385, in steps of 5);

TSM-xxxPD14H , TSM-xxxPD14H.08 , TSM-xxxPD14H.09 , TSM-xxxPD14H(II) , TSM-xxxPD14H.08(II) ,
TSM-xxxPD14H.09(II) , TSM-xxxPD14H.T0 , TSM-xxxPD14H.T8 , TSM-xxxPD14H.T9 , TSM-
xxxPD14H.T0(II) , TSM-xxxPD14H.T8(II) , TSM-xxxPD14H.T9(II) , (xxx=320-360, in steps of 5);

TSM-xxxPD15H , TSM-xxxPD15H.08 , TSM-xxxPD15H.09 , TSM-xxxPD15H(II) , TSM-xxxPD15H.08(II) ,
TSM-xxxPD15H.09(II) , TSM-xxxPD15H.T0 , TSM-xxxPD15H.T8 , TSM-xxxPD15H.T9 , TSM-
xxxPD15H.T0(II) , TSM-xxxPD15H.T8(II) , TSM-xxxPD15H.T9(II) , (xxx=320-405, in steps of 5);

TSM-xxxPD05H , TSM-xxxPD05H.08 , TSM-xxxPD05H.09 , TSM-xxxPD05H(II) , TSM-xxxPD05H.08(II) ,
TSM-xxxPD05H.09(II) , TSM-xxxPD05H.T0 , TSM-xxxPD05H.T8 , TSM-xxxPD05H.T9 , TSM-
xxxPD05H.T0(II) , TSM-xxxPD05H.T8(II) , TSM-xxxPD05H.T9(II) , (xxx=270-300, in steps of 5);

TSM-xxxPD06H.08 , TSM-xxxPD06H.09 , TSM-xxxPD06H(II) , TSM-xxxPD06H.08(II) , TSM-
xxxPD06H.09(II) , TSM-xxxPD06H.T0 , TSM-xxxPD06H.T8 , TSM-xxxPD06H.T9 , TSM-xxxPD06H.T0(II) ,
TSM-xxxPD06H.T8(II) , TSM-xxxPD06H.T9(II) , (xxx=270-335, in steps of 5);

TSM-xxxDD14H(II) , TSM-xxxDD14H.08(II) , TSM-xxxDD14H.09(II) , TSM-xxxDD14H.05(II) , TSM-
xxxDD14H.T0(II) , TSM-xxxDD14H.T8(II) , TSM-xxxDD14H.T9(II) , (xxx=330-395, in steps of 5);

TSM-xxxDD15H(II) , TSM-xxxDD15H.08(II) , TSM-xxxDD15H.09(II) , TSM-xxxDD15H.05(II) ,

TSM-xxxDD15H.T0(II) , TSM-xxxDD15H.T8(II) , TSM-xxxDD15H.T9(II) , (xxx=330-410, in steps of 5);

TSM-xxxDD05H(II) , TSM-xxxDD05H.08(II) , TSM-xxxDD05H.09(II) , TSM-xxxDD05H.05(II) , TSM-
xxxDD05H.T0(II) , TSM-xxxDD05H.T8(II) , TSM-xxxDD05H.09(II) , (xxx=275-335, in steps of 5);

TSM-xxxDD06H(II) , TSM-xxxDD06H.08(II) , TSM-xxxDD06H.09(II) , TSM-xxxDD06H.05(II) , TSM-
xxxDD06H.T0(II) , TSM-xxxDD06H.T8(II) , TSM-xxxDD06H.T9(II) , (xxx=275-340, in steps of 5);

TSM-xxxPD14HB , TSM-xxxPD14HB.08 , TSM-xxxPD14HB.09 , TSM-xxxPD14HB(II) , TSM-
xxxPD14HB.08(II) , TSM-xxxPD14HB.09(II) , TSM-xxxPD14HB.T0 , TSM-xxxPD14HB.T8 , TSM-
xxxPD14HB.T9 , TSM-xxxPD14HB.T0(II) , TSM-xxxPD14HB.T8(II) , TSM-xxxPD14HB.T9(II) ,
(xxx=320-360, in steps of 5);

TSM-xxxPD15HB , TSM-xxxPD15HB.08 , TSM-xxxPD15HB.09 , TSM-xxxPD15HB(II) , TSM-
xxxPD15HB.08(II) , TSM-xxxPD15HB.09(II) , TSM-xxxPD15HB.T0 , TSM-xxxPD15HB.T8 , TSM-
xxxPD15HB.T9 , TSM-xxxPD15HB.T0(II) , TSM-xxxPD15HB.T8(II) , TSM-xxxPD15HB.T9(II) ,
(xxx=320-360, in steps of 5);

TSM-xxxPD15M , TSM-xxxPD15M.08 , TSM-xxxPD15M.09 , TSM-xxxPD15M(II) , TSM-xxxPD15M.08(II) ,
TSM-xxxPD15M.09(II) , TSM-xxxPD15M.T , TSM-xxxPD15M.08 , TSM-xxxPD15M.09 , TSM-xxxPD15M(II) ,
TSM-xxxPD15M.08(II) , TSM-xxxPD15M.09(II) , (xxx=320-405, in steps of 5);

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TSM-xxxPD06M ,TSM-xxxPD06M.08 ,TSM-xxxPD06M.09 ,TSM-xxxPD06M(II) ,TSM-xxxPD06M.08(II) ,
TSM-xxxPD06M.09(II) ,TSM-xxxPD06M.T0 ,TSM-xxxPD06M.T8 ,TSM-xxxPD06M.T9 ,
TSM-xxxPD06M.T0(II) ,TSM-xxxPD06M.T8(II) ,TSM-xxxPD06M.T9(II) , (xxx=270-335, in steps of 5);

TSM-xxxDD15M.08(II) ,TSM-xxxDD15M.09(II) ,TSM-xxxDD15M.05(II) ,TSM-xxx DD15M.T0(II),
TSM-xxxDD15M.T8(II) ,TSM-xxxDD15M.T9(II) , (xxx=330-420, in steps of 5);

TSM-xxxDD06M(II) ,TSM-xxxDD06M.09(II) ,TSM-xxxDD06M.05(II) ,TSM-xxxDD06M.T0 (II) ,
TSM-xxxDD06M.T8(II) ,TSM-xxxDD06M.T9(II) , (xxx=275-350, in steps of 5);

TSM-xxxDD14HB(II) ,TSMxxxDD14HB.08(II) ,TSMxxxDD14HB.09(II) ,TSMxxxDD14HB.T0(II),
TSMxxxDD14HB.T8(II,) TSMxxxDD14HB.T9(II) , (xxx=330-395, in steps of 5);

TSM-xxxDD15HB(II) ,TSMxxxDD15HB.08(II) ,TSMxxxDD15HB.09(II),
TSMxxxDD15HB.T0(II) ,TSMxxxDD15HB.T8(II) ,TSMxxxDD15HB.T9(II) ,
(xxx=330-410, in steps of 5);

TSM-xxxND06M(II) ,TSM-xxxND06M.08(II) ,TSM-xxxND06M.09(II) ,TSM-xxxND06M.05(II) ,TSM-
xxxND06M.T0(II) ,TSM-xxxND06M.T8(II) ,TSM-xxxND06M.T9(II) , (xxx=315-335, in steps of 5);

TSM-xxxND07M(II) ,TSM-xxxND07M.08(II) ,TSM-xxxND07M.09(II) ,TSM-xxxND07M.05(II) ,TSM-
xxxND07M.T0(II) ,TSM-xxxND07M.T8(II) ,TSM-xxxND07M.T9(II) , (xxx=315-335, in steps of 5);

TSM-xxxND15M (II) ,TSM-xxxND15M.08(II) ,TSM-xxxND15M.09(II) ,TSM-xxxND15M.T0 (II) ,TSM-
xxxND15M.T8(II) ,TSM-xxxND15M.T9(II) ,TSM-xxxND15M.05(II) , (xxx=375-405, in steps of 5);

TSM-xxxND16M(II) ,TSM-xxxND16M.08(II) ,TSM-xxxND16M.09(II) ,TSM-xxxND16M.T0(II) ,
TSM-xxxND16M.T8(II) ,TSM-xxxND16M.T9(II) ,TSM-xxxND16M.05(II) , (xxx=375-405, in steps of 5);

TSM-xxxDD15M(II) ,(xxx=330-420, in steps of 5);

TSM-xxxDD06M.08(II) ,(xxx=275-350, in steps of 5);

TSM-xxxPD06H ,(xxx=270-335, in steps of 5);

TSM-xxxDD17M(II) ,TSM-xxxDD17M.05(II) ,TSM-xxxDD17M.08(II) ,TSM-xxxDD17M.09(II) ,
TSM-xxxDD17M.T0(II) ,TSM-xxxDD17M.T8(II) ,TSM-xxxDD17M.T9(II) ,(xxx=390-460, in steps of 5);

TSM-xxxDD08M(II) ,TSM-xxxDD08M.05(II) ,TSM-xxxDD08M.08(II) ,TSM-xxxDD08M.09(II) ,
TSM-xxxDD08M.T0(II) ,TSM-xxxDD08M.T8(II) ,TSM-xxxDD08M.T9(II) ,(xxx=335-380, in steps of 5);

TSM-xxxDD15X(II) ,TSM-xxxDD15X.05(II) ,TSM-xxxDD15X.08(II) ,TSM-xxxDD15X.09(II) ,TSM-
xxxDD15X.T0(II) ,TSM-xxxDD15X.T8(II) ,TSM-xxxDD15X.T9(II) ,(xxx=405-435, in steps of 5);

TSM-xxxDD06X(II) ,TSM-xxxDD06X.05(II) ,TSM-xxxDD06X.08(II) ,TSM-xxxDD06X.09(II) ,TSM-
xxxDD06X.T0(II) ,TSM-xxxDD06X.T8(II) ,TSM-xxxDD06X.T9(II) ,(xxx=345-365, in steps of 5);

TSM-xxxND15X(II) ,TSM-xxxND15X.05(II) ,TSM-xxxND15X.08(II) ,TSM-xxxND15X.09(II) ,TSM-
xxxND15X.T0(II) ,TSM-xxxND15X.T8(II) ,TSM-xxxND15X.T9(II) ,(xxx=405-435, in steps of 5);

TSM-xxxND06X(II) ,TSM-xxxND06X.05(II) ,TSM-xxxND06X.08(II) ,TSM-xxxND06X.09(II) ,TSM-
xxxND06X.T0(II) ,TSM-xxxND06X.T8(II) ,TSM-xxxND06X.T9(II) ,(xxx=345-365, in steps of 5);

TSM-xxxPD17M ,TSM-xxxPD17M.08 ,TSM-xxxPD17M.09 ,TSM-xxxPD17M(II) ,TSM-xxxPD17M.08(II) ,
TSM-xxxPD17M.09(II) ,TSM-xxxPD17M.T0 ,TSM-xxxPD17M.T8 ,TSM-xxxPD17M.T9 ,
TSM-xxxPD17M.T0(II) ,TSM-xxxPD17M.T8(II) ,TSM-xxxPD17M.T9(II) ,(xxx=320-445, in steps of 5);

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TSM-xxxPD08M, TSM-xxxPD08M.08, TSM-xxxPD08M.09, TSM-xxxPD08M(II), TSM-xxxPD08M.08(II), TSM-xxxPD08M.09(II), TSM-xxxPD08M.T0, TSM-xxxPD08M.T8, TSM-xxxPD08M.T9, TSM-xxxPD08M.T0(II), TSM-xxxPD08M.T8(II), TSM-xxxPD08M.T9(II), (xxx=270-365, in steps of 5);

TSM-xxxDD18M(II), TSM-xxxDD18M.08(II), TSM-xxxDD18M.09(II), TSM-xxxDD18M.T0(II), TSM-xxxDD18M.T8(II), TSM-xxxDD18M.T9(II), TSM-xxxDD18M.05(II), (xxx=470-515, in steps of 5);

TSM-xxxDC082H.08(II), (xxx=210-225, in steps of 5);

TSM-xxxDD20, TSM-xxxDD20.05, TSM-xxxDD20.08, TSM-xxxDD20.09, TSM-xxxDD20.T0, TSM-xxxDD20.T8, TSM-xxxDD20.T9, (xxx=575-610, in steps of 5);

TSM-xxxDD19, TSM-xxxDD19.05, TSM-xxxDD19.08, TSM-xxxDD19.09, TSM-xxxDD19.T0, TSM-xxxDD19.T8, TSM-xxxDD19.T9, (xxx=530-555, in steps of 5);

TSM-xxxDD18, TSM-xxxDD18.05, TSM-xxxDD18.08, TSM-xxxDD18.09, TSM-xxxDD18.T0,

TSM-xxxDD18.T8, TSM-xxxDD18.T9, (xxx=515-555, in steps of 5);

TSM-xxxDD10, TSM-xxxDD10.05, TSM-xxxDD10.08, TSM-xxxDD10.09, TSM-xxxDD10.T0, TSM-xxxDD10.T8, TSM-xxxDD10.T9, (xxx=430-455, in steps of 5);

➤ **Double Glass Module: System Voltage: 1500V DC**

TSM-xxxDEG14(II), TSM-xxxDEG14.05(II), TSM-xxxDEG14.25(II), TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II), TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II), TSM-xxxDEG14.29(II), TSM-xxxDEG14.40(II), TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).

TSM-xxxDEG5(II), TSM-xxxDEG5.05(II), TSM-xxxDEG5.25(II), TSM-xxxDEG5.07(II), TSM-xxxDEG5.20(II), TSM-xxxDEG5.27(II), TSM-xxxDEG5.28(II), TSM-xxxDEG5.29(II), TSM-xxxDEG5.40(II), TSM-xxxDEG5.47(II) (xxx=275-325, in steps of 5).

TSM-xxxDEG15(II), TSM-xxxDEG15.05(II), TSM-xxxDEG15.25(II), TSM-xxxDEG15.07(II), TSM-xxxDEG15.20(II), TSM-xxxDEG15.27(II), TSM-xxxDEG15.28(II), TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II), TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).

TSM-xxxDEG6(II), TSM-xxxDEG6.05(II), TSM-xxxDEG6.25(II), TSM-xxxDEG6.07(II), TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II), TSM-xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II), TSM-xxxDEG6.47(II) (xxx=275-315, in steps of 5).

TSM-xxxDEG14C(II), TSM-xxxDEG14C.05(II), TSM-xxxDEG14C.25(II), TSM-xxxDEG14C.07(II), TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II), TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II) (xxx=335-370, in steps of 5).

TSM-xxxDEG5C(II), TSM-xxxDEG5C.05(II), TSM-xxxDEG5C.25(II), TSM-xxxDEG5C.07(II), TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II), TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II) (xxx=285-305, in steps of 5).

TSM-xxxDEG15C(II), TSM-xxxDEG15C.05(II), TSM-xxxDEG15C.25(II), TSM-xxxDEG15C.07(II), TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II), TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II) (xxx=335-350, in steps of 5).

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TSM-xxxDEG6C(II), TSM-xxxDEG6C.05(II), TSM-xxxDEG6C.25(II), TSM-xxxDEG6C.07(II),
TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II), TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II)
(xxx=285-295, in steps of 5).

TSM-xxxDEG14H(II), TSM-xxxDEG14H.05(II), TSM-xxxDEG14H.25(II), TSM-xxxDEG14H.07(II),
TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II), TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II),
TSM-xxxDEG14H.40(II), TSM-xxxDEG14H.47(II) (xxx=345-395, in steps of 5).

TSM-xxxDEG5H(II), TSM-xxxDEG5H.05(II), TSM-xxxDEG5H.25(II), TSM-xxxDEG5H.07(II),
TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II), TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II),
TSM-xxxDEG5H.40(II), TSM-xxxDEG5H.47(II) (xxx=290-330, in steps of 5).

TSM-xxxDEG15H(II), TSM-xxxDEG15H.05(II), TSM-xxxDEG15H.25(II), TSM-xxxDEG15H.07(II),
TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II), TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II),
TSM-xxxDEG15H.40(II), TSM-xxxDEG15H.47(II) (xxx=380-410, in steps of 5).

TSM-xxxDEG6H(II), TSM-xxxDEG6H.05(II), TSM-xxxDEG6H.25(II), TSM-xxxDEG6H.07(II),
TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II), TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II),
TSM-xxxDEG6H.40(II), TSM-xxxDEG6H.47(II) (xxx=310-340, in steps of 5).

TSM-xxxDEG14M(II), TSM-xxxDEG14M.05(II), TSM-xxxDEG14M.25(II), TSM-xxxDEG14M.07(II),
TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II), TSM-xxxDEG14M.28(II), TSM-xxxDEG14M.29(II),
TSM-xxxDEG14M.40(II), TSM-xxxDEG14M.47(II) (xxx=345-385, in steps of 5).

TSM-xxxDEG5M(II), TSM-xxxDEG5M.05(II), TSM-xxxDEG5M.25(II), TSM-xxxDEG5M.07(II),
TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II), TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II),
TSM-xxxDEG5M.40(II), TSM-xxxDEG5M.47(II) (xxx=290-320, in steps of 5).

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II), TSM-xxxDEG15M.25(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.27(II), TSM-xxxDEG15M.28(II), TSM-xxxDEG15M.29(II),
TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II) (xxx=350-420, in steps of 5).

TSM-xxxDEG6M(II), TSM-xxxDEG6M.05(II), TSM-xxxDEG6M.25(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II), TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II),
TSM-xxxDEG6M.40(II), TSM-xxxDEG6M.47(II) (xxx=295-350, in steps of 5).

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(II), TSM-xxxDEG17M.25(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.20(II), TSM-xxxDEG17M.27(II), TSM-xxxDEG17M.28(II), TSM-xxxDEG17M.29(II),
TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II) (xxx=425-460, in steps of 5).

TSM-xxxDEG8M(II), TSM-xxxDEG8M.05(II), TSM-xxxDEG8M.25(II), TSM-xxxDEG8M.07(II),
TSM-xxxDEG8M.20(II), TSM-xxxDEG8M.27(II), TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II),
TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II) (xxx=355-380, in steps of 5).

TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.05(II), TSM-xxxDEG14HC.25(II), TSM-xxxDEG14HC.07(II),
TSM-xxxDEG14HC.20(II), TSM-xxxDEG14HC.27(II), TSM-xxxDEG14HC.28(II), TSM-xxxDEG14HC.29(II),
(xxx=350-395, in steps of 5).

TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.05(II), TSM-xxxDEG5HC.25(II), TSM-xxxDEG5HC.07(II),
TSM-xxxDEG5HC.20(II), TSM-xxxDEG5HC.27(II), TSM-xxxDEG5HC.28(II), TSM-xxxDEG5HC.29(II),
(xxx=295-330, in steps of 5).

TSM-xxxDEG15HC(II), TSM-xxxDEG15HC.05(II), TSM-xxxDEG15HC.25(II), TSM-xxxDEG15HC.07(II), TSM-xxxDEG15HC.20(II), TSM-xxxDEG15HC.27(II), TSM-xxxDEG15HC.28(II), TSM-xxxDEG15HC.29(II), (xxx=350-410, in steps of 5).

TSM-xxxDEG6HC(II), TSM-xxxDEG15HC.05(II), TSM-xxxDEG15HC.25(II), TSM-xxxDEG6HC.07(II), TSM-xxxDEG6HC.20(II), TSM-xxxDEG6HC.27(II), TSM-xxxDEG6HC.28(II), TSM-xxxDEG6HC.29(II) (xxx=295-340, in steps of 5).

TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.05(II), TSM-xxxDEG14MC.25(II), TSM-xxxDEG14MC.07(II), TSM-xxxDEG14MC.20(II), TSM-xxxDEG14MC.27(II), TSM-xxxDEG14MC.28(II), TSM-xxxDEG14MC.29(II) (xxx=350-395, in steps of 5).

TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.05(II), TSM-xxxDEG5MC.25(II), TSM-xxxDEG5MC.07(II), TSM-xxxDEG5MC.20(II), TSM-xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II), TSM-xxxDEG5MC.29(II), (xxx=295-330, in steps of 5).

TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-xxxDEG15MC.25(II), TSM-xxxDEG15MC.07(II), TSM-xxxDEG15MC.20(II), TSM-xxxDEG15MC.27(II), TSM-xxxDEG15MC.28(II), TSM-xxxDEG15MC.29(II), (xxx=350-425, in steps of 5).

TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.05(II), TSM-xxxDEG6MC.25(II), TSM-xxxDEG6MC.07(II), TSM-xxxDEG6MC.20(II), TSM-xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II), TSM-xxxDEG6MC.29(II), (xxx=295-350, in steps of 5).

TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.05(II), TSM-xxxDEG17MC.25(II), TSM-xxxDEG17MC.07(II), TSM-xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II), TSM-xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II), (xxx=425-460, in steps of 5).

TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.05(II), TSM-xxxDEG8MC.25(II), TSM-xxxDEG8MC.07(II), TSM-xxxDEG8MC.20(II), TSM-xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II), TSM-xxxDEG8MC.29(II), (xxx=355-380, in steps of 5).

TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.05(II), TSM-xxxDEG18MC.25(II), TSM-xxxDEG18MC.07(II), TSM-xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II), TSM-xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II), (xxx=460-510, in steps of 5).

TSM-xxxDEG9C.20, TSM-xxxDEG9C.25, TSM-xxxDEG9C.27, TSM-xxxDEG9C.28, TSM-xxxDEG9C.29, (xxx=370-405, in steps of 5).

TSM-xxxDEG18M(II), TSM-xxxDEG18M.05(II), TSM-xxxDEG18M.25(II), TSM-xxxDEG18M.07(II), TSM-xxxDEG18M.20(II), TSM-xxxDEG18M.27(II), TSM-xxxDEG18M.28(II),

TSM-xxxDEG18M.29(II), (xxx=460-510, in steps of 5).

TSM-xxxDEG9.20, TSM-xxxDEG9.25, TSM-xxxDEG9.27, TSM-xxxDEG9.28, TSM-xxxDEG9.29 (xxx=370-405, in steps of 5).

TSM-xxxDEG17XC.25(II), TSM-xxxDEG17XC.20(II), TSM-xxxDEG17XC.27(II), TSM-xxxDEG17XC.28(II), TSM-xxxDEG17XC.29(II), (xxx=445-490, in steps of 5).

TSM-xxxDEG17X.25(II), TSM-xxxDEG17X.20(II), TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II), TSM-xxxDEG17X.29(II), (xxx=445-490, in steps of 5).

TSM-xxxDEG21C.20, TSM-xxxDEG21C.25, TSM-xxxDEG21C.27, TSM-xxxDEG21C.28, TSM-xxxDEG21C.29, TSM-xxxDEG21C.70(xxx=625-675, in steps of 5).

TSM-xxxDEG20C.20, TSM-xxxDEG20C.25, TSM-xxxDEG20C.27, TSM-xxxDEG20C.28, TSM-xxxDEG20C.29 (xxx=570-610, in steps of 5);

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TSM-xxxDEG19C.20, TSM-xxxDEG19C.25, TSM-xxxDEG19C.27, TSM-xxxDEG19C.28,
TSM-xxxDEG19C.29 (xxx=525-555, in steps of 5);

TSM-xxxDEG20.20, TSM-xxxDEG20.25, TSM-xxxDEG20.27, TSM-xxxDEG20.28, TSM-xxxDEG20.29,
(xxx=575-605, in steps of 5);

TSM-xxxDEG19.20, TSM-xxxDEG19.25, TSM-xxxDEG19.27, TSM-xxxDEG19.28, TSM-xxxDEG19.29,
(xxx=525-555, in steps of 5), (xxx=525-555, in steps of 5);

TSM-xxxDEG18C.20, TSM-xxxDEG18C.25, TSM-xxxDEG18C.27, TSM-xxxDEG18C.28,
TSM-xxxDEG18C.29, (xxx=520-555, in steps of 5);

TSM-xxxDEG10C.20, TSM-xxxDEG10C.25, TSM-xxxDEG10C.27, TSM-xxxDEG10C.28, TSM-
xxxDEG10C.29, (xxx=425-450, in steps of 5);

TSM-xxxDEG18.20, TSM-xxxDEG18.25, TSM-xxxDEG18.27, TSM-xxxDEG18.28, TSM-xxxDEG18.29 ,
(xxx=520-555, in steps of 5);

TSM-xxxDEG10.20, TSM-xxxDEG10.25, TSM-xxxDEG10.27, TSM-xxxDEG10.28,
TSM-xxxDEG10.29, (xxx=425-450, in steps of 5);

TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25, TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28,
TSM-xxxDEG19RC.29 (xxx=540-590, in steps of 5)

TSM-xxxDEG19RC.B0, TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7, TSM-xxxDEG19RC.B8,
TSM-xxxDEG19RC.B9, TSM-xxxDEG19RC.70 (xxx=540-590, in steps of 5)

TSM-xxxDEG19R.20, TSM-xxxDEG19R.25, TSM-xxxDEG19R.27, TSM-xxxDEG19R.28,
TSM-xxxDEG19R.29 (xxx=540-590, in steps of 5)

TSM-xxxDEG19R.B0, TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7, TSM-xxxDEG19R.B8,

TSM-xxxDEG19R.B9 (xxx=540-590, in steps of 5)

TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5, TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9 (xxx=395-435, in steps of 5)

TSM-xxxDEG9RC.20, TSM-xxxDEG9RC.25, TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.29 (xxx=395-435, in steps of 5)

TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5, TSM-xxxDEG9R.B7, TSM-xxxDEG9R.B8,
TSM-xxxDEG9R.B9, (xxx=395-435, in steps of 5)

TSM-xxxDEG9R.20, TSM-xxxDEG9R.25, TSM-xxxDEG9R.27, TSM-xxxDEG9R.28,
TSM-xxxDEG9R.29, (xxx=395-435, in steps of 5)

TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.25(II), TSM-xxxDEG15VC.27(II),
TSM-xxxDEG15VC.28(II), TSM-xxxDEG15VC.29(II) , (xxx=465-490, in steps of 5).

TSM-xxxNEG14C(II), TSM-xxxNEG14C.05(II), TSM-xxxNEG14C.25(II), TSM-xxxNEG14C.07(II),
TSM-xxxNEG14C.20(II), TSM-xxxNEG14C.27(II), TSM-xxxNEG14C.28(II), TSM-xxxNEG14C.29(II),
(xxx=350-370, in steps of 5).

TSM-xxxNEG5C(II), TSM-xxxNEG5C.05(II), TSM-xxxNEG5C.25(II), TSM-xxxNEG5C.07(II),
TSM-xxxNEG5C.20(II), TSM-xxxNEG5C.27(II), TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II)
(xxx=295-305, in steps of 5).

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TSM-xxxNEG15C(II), TSM-xxxNEG15C.05(II), TSM-xxxNEG15C.25(II), TSM-xxxNEG15C.07(II),
TSM-xxxNEG15C.20(II), TSM-xxxNEG15C.27(II), TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II) ,
(xxx=350-370, in steps of 5).

TSM-xxxNEG6C(II), TSM-xxxNEG6C.05(II), TSM-xxxNEG6C.25(II), TSM-xxxNEG6C.07(II),
TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II), TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II)
(xxx=295-305, in steps of 5)

TSM-xxxNEG16C(II), TSM-xxxNEG16C.05(II), TSM-xxxNEG16C.25(II), TSM-xxxNEG16C.07(II),
TSM-xxxNEG16C.20(II), TSM-xxxNEG16C.27(II), TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II)
(xxx=350-410, in steps of 5).

TSM-xxxNEG7C(II), TSM-xxxNEG7C.05(II), TSM-xxxNEG7C.25(II), TSM-xxxNEG7C.07(II),
TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II), TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II)
(xxx=295-340, in steps of 5).

TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.05(II), TSM-xxxNEG14MC.25(II), TSM-xxxNEG14MC.07(II),
TSM-xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II), TSM-xxxNEG14MC.28(II),
TSM-xxxNEG14MC.29(II) (xxx=350-380, in steps of 5).

TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.05(II), TSM-xxxNEG5MC.25(II), TSM-xxxNEG5MC.07(II),
TSM-xxxNEG5MC.20(II), TSM-xxxNEG5MC.27(II), TSM-xxxNEG5MC.28(II), TSM-xxxNEG5MC.29(II) ,
(xxx=295-315, in steps of 5).

TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.05(II), TSM-xxxNEG15MC.25(II), TSM-xxxNEG15MC.07(II),
TSM-xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II), TSM-xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II) ,
(xxx=350-420, in steps of 5).

TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.05(II), TSM-xxxNEG6MC.25(II), TSM-xxxNEG6MC.07(II),
TSM-xxxNEG6MC.20(II), TSM-xxxNEG6MC.27(II), TSM-xxxNEG6MC.28(II), TSM-xxxNEG6MC.29(II),
(xxx=295-345, in steps of 5).

TSM-xxxNEG15M(II), TSM-xxxNEG15M.05(II), TSM-xxxNEG15M.25(II), TSM-xxxNEG15M.07(II),
TSM-xxxNEG15M.20(II), TSM-xxxNEG15M.27(II), TSM-xxxNEG15M.28(II),

TSM-xxxNEG15M.29(II) (xxx=350-420, in steps of 5).

TSM-xxxNEG6M(II), TSM-xxxNEG6M.05(II), TSM-xxxNEG6M.25(II), TSM-xxxNEG6M.07(II),
TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II), TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) ,
(xxx=295-345, in steps of 5).

TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.05(II), TSM-xxxNEG16MC.25(II), TSM-xxxNEG16MC.07(II),
TSM-xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II), TSM-xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II),
(xxx=390-435, in steps of 5).

TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.05(II), TSM-xxxNEG7MC.25(II), TSM-xxxNEG7MC.07(II),
TSM-xxxNEG7MC.20(II), TSM-xxxNEG7MC.27(II), TSM-xxxNEG7MC.28(II), TSM-xxxNEG7MC.29(II),
(xxx=325-360, in steps of 5).

TSM-xxxNEG16M(II), TSM-xxxNEG16M.05(II), TSM-xxxNEG16M.25(II), TSM-xxxNEG16M.07(II),
TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II), TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II) ,
(xxx=390-435, in steps of 5).

TSM-xxxNEG7M(II), TSM-xxxNEG7M.05(II), TSM-xxxNEG7M.25(II), TSM-xxxNEG7M.07(II),
TSM-xxxNEG7M.20(II), TSM-xxxNEG7M.27(II), TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II)
(xxx=325-360, in steps of 5).

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TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.05(II), TSM-xxxNEG15XC.25(II), TSM-xxxNEG15XC.07(II),
TSM-xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II), TSM-xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

TSM-xxxDEG5ZV(II), TSM-xxxDEG5ZV.05(II), TSM-xxxDEG5ZV.07(II), TSM-xxxDEG5ZV.40(II),
TSM-xxxDEG5ZV.47(II), (xxx=305-330, in steps of 5).

TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.25(II), TSM-xxxNEG18MC.27(II), TSM-xxxNEG18MC.28(II),
TSM-xxxNEG18MC.29(II), TSM-xxxNEG18MC.30(II), (xxx=500-520, in steps of 5)

TSM-xxxNEG9C.20, TSM-xxxNEG9C.25, TSM-xxxNEG9C.27, TSM-xxxNEG9C.28, TSM-xxxNEG9C.29,
(xxx=390-430, in steps of 5)

TSM-xxxNEG9.20, TSM-xxxNEG9.25, TSM-xxxNEG9.27, TSM-xxxNEG9.28, TSM-xxxNEG9.29,
(xxx=390-430, in steps of 5)

TSM-xxxNEG20C.20, TSM-xxxNEG20C.25, TSM-xxxNEG20C.27, TSM-xxxNEG20C.28,
TSM-xxxNEG20C.29, TSM-xxxNEG20C.C0, TSM-xxxNEG20C.70(xxx=580-650, in steps of 5)

TSM-xxxNEG19C.20, TSM-xxxNEG19C.25, TSM-xxxNEG19C.27, TSM-xxxNEG19C.28,
TSM-xxxNEG19C.29, (xxx=530-570, in steps of 5)

TSM-xxxNEG21C.20, TSM-xxxNEG21C.25, TSM-xxxNEG21C.27, TSM-xxxNEG21C.28,
TSM-xxxNEG21C.29, TSM-xxxNEG21C.70(xxx=635-720, in steps of 5)

TSM-xxxHEG15XKC.203, TSM-xxxHEG15XKC.253, TSM-xxxHEG15XKC.273, TSM-xxxHEG15XKC.283,
TSM-xxxHEG15XKC.293, (xxx=435-455, in steps of 5)

TSM-xxxHEG15VKC.20, TSM-xxxHEG15VKC.25, TSM-xxxHEG15VKC.27, TSM-xxxHEG15VKC.28,
TSM-xxxHEG15VKC.29, (xxx=475-485, in steps of 5)

TSM-xxxHEG15YKC.20, TSM-xxxHEG15YKC.25, TSM-xxxHEG15YKC.27, TSM-xxxHEG15YKC.28,

TSM-xxxHEG15YKC.29, (xxx=515-530, in steps of 5)

TSM-xxxHEG6XKC.20, TSM-xxxHEG6XKC.25, TSM-xxxHEG6XKC.27, TSM-xxxHEG6XKC.28,
TSM-xxxHEG6XKC.29, (xxx=370-375, in steps of 5)

TSM-xxxHEG15XC.20, TSM-xxxHEG15XC.25, TSM-xxxHEG15XC.27, TSM-xxxHEG15XC.28,
TSM-xxxHEG15XC.29, (xxx=440-460, in steps of 5)

TSM-xxxHEG15C.20, TSM-xxxHEG15C.25, TSM-xxxHEG15C.27, TSM-xxxHEG15C.28,

TSM-xxxHEG15C.29, (xxx=410-425, in steps of 5).

TSM-xxxHEG6C.20, TSM-xxxHEG6C.25, TSM-xxxHEG6C.27, TSM-xxxHEG6C.28, TSM-xxxHEG6C.29,
(xxx=340-350, in steps of 5)

TSM-xxxHEG21C.20, TSM-xxxHEG21C.25, TSM-xxxHEG21C.27, TSM-xxxHEG21C.28, TSM-xxxHEG21C.29,
(xxx=640-685, in steps of 5)

TSM-xxxHEG20C.20, TSM-xxxHEG20C.25, TSM-xxxHEG20C.27, TSM-xxxHEG20C.28, TSM-xxxHEG20C.29
(xxx=585-620, in steps of 5)

TSM-xxxHEG19C.20, TSM-xxxHEG19C.25, TSM-xxxHEG19C.27, TSM-xxxHEG19C.28, TSM-xxxHEG19C.29,
(xxx=530-565, in steps of 5)

TSM-xxxPEG14, TSM-xxxPEG14.05, TSM-xxxPEG14.25, TSM-xxxPEG14.07, TSM-xxxPEG14.20, TSM-xxxPEG14.27, TSM-xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40, TSM-xxxPEG14.47 (xxx=315-360, in steps of 5);

TSM-xxxPEG14(II), TSM-xxxPEG14.05(II), TSM-xxxPEG14.25(II), TSM-xxxPEG14.07(II), TSM-xxxPEG14.20(II), TSM-xxxPEG14.27(II), TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II), TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II) (xxx=315-360, in steps of 5).

TSM-xxxPEG5, TSM-xxxPEG5.05, TSM-xxxPEG5.25, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-xxxPEG5.27, TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-xxxPEG5.47, (xxx=265-300, in steps of 5);

TSM-xxxPEG5(II), TSM-xxxPEG5.05(II), TSM-xxxPEG5.25(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II), TSM-xxxPEG5.27(II), TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II), TSM-xxxPEG5.40(II), TSM-xxxPEG5.47(II), (xxx=265-300, in steps of 5).

TSM-xxxPEG15, TSM-xxxPEG15.05, TSM-xxxPEG15.25, TSM-xxxPEG15.07, TSM-xxxPEG15.20, TSM-xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-xxxPEG15.40, TSM-xxxPEG15.47, (xxx=315-360, in steps of 5);

TSM-xxxPEG15(II), TSM-xxxPEG15.05(II), TSM-xxxPEG15.25(II), TSM-xxxPEG15.07(II), TSM-xxxPEG15.20(II), TSM-xxxPEG15.27(II), TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II), TSM-xxxPEG15.40(II), TSM-xxxPEG15.47(II), (xxx=315-360, in steps of 5).

TSM-xxxPEG6, TSM-xxxPEG6.05, TSM-xxxPEG6.25, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-xxxPEG6.27, TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-xxxPEG6.47, (xxx=265-300, in steps of 5);

TSM-xxxPEG6(II), TSM-xxxPEG6.05(II), TSM-xxxPEG6.25(II), TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II), TSM-xxxPEG6.27(II), TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II), TSM-xxxPEG6.40(II), TSM-xxxPEG6.47(II), (xxx=265-300, in steps of 5).

TSM-xxxPEG14H, TSM-xxxPEG14H.05, TSM-xxxPEG14H.25, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20, TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29, TSM-xxxPEG14H.40, TSM-xxxPEG14H.47, (xxx=330-360, in steps of 5);

TSM-xxxPEG14H(II), TSM-xxxPEG14H.05(II), TSM-xxxPEG14H.25(II), TSM-xxxPEG14H.07(II), TSM-xxxPEG14H.20(II), TSM-xxxPEG14H.27(II), TSM-xxxPEG14H.28(II), TSM-xxxPEG14H.29(II),

TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II), (xxx=330-360, in steps of 5).

TSM-xxxPEG5H, TSM-xxxPEG5H.05, TSM-xxxPEG5H.25, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20,

TSM-xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-xxxPEG5H.40, TSM-xxxPEG5H.47, (xxx=275-300, in steps of 5);

TSM-xxxPEG5H(II), TSM-xxxPEG5H.05(II), TSM-xxxPEG5H.25(II), TSM-xxxPEG5H.07(II),

TSM-xxxPEG5H.20(II), TSM-xxxPEG5H.27(II), TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II), TSM-xxxPEG5H.40(II), TSM-xxxPEG5H.47(II), (xxx=275-300, in steps of 5).

TSM-xxxPEG15H, TSM-xxxPEG15H.05, TSM-xxxPEG15H.25, TSM-xxxPEG15H.07, TSM-xxxPEG15H.20, TSM-xxxPEG15H.27, TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, TSM-xxxPEG15H.40, TSM-xxxPEG15H.47, (xxx=340-360, in steps of 5);

TSM-xxxPEG15H(II), TSM-xxxPEG15H.05(II), TSM-xxxPEG15H.25(II), TSM-xxxPEG15H.07(II), TSM-xxxPEG15H.20(II), TSM-xxxPEG15H.27(II), TSM-xxxPEG15H.28(II), TSM-xxxPEG15H.29(II), TSM-xxxPEG15H.40(II), TSM-xxxPEG15H.47(II) (xxx=340-400, in steps of 5).

TSM-xxxPEG6H, TSM-xxxPEG6H.05, TSM-xxxPEG6H.25, TSM-xxxPEG6H.07, TSM-xxxPEG6H.20,

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TSM-xxxPEG6H.27, TSM-xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40, TSM-xxxPEG6H.47,
(xxx=280-300, in steps of 5);

TSM-xxxPEG6H(II), TSM-xxxPEG6H.05(II), TSM-xxxPEG6H.25(II), TSM-xxxPEG6H.07(II),
TSM-xxxPEG6H.20(II), TSM-xxxPEG6H.27(II), TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II),
TSM-xxxPEG6H.40(II), TSM-xxxPEG6H.47(II) (xxx=280-330, in steps of 5).

TSM-xxxPEG14M(II), TSM-xxxPEG14M.05(II), TSM-xxxPEG14M.25(II), TSM-xxxPEG14M.07(II),
TSM-xxxPEG14M.20(II), TSM-xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-xxxPEG14M.29(II),
TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II) (xxx=330-360, in steps of 5).

TSM-xxxPEG5M(II), TSM-xxxPEG5M.05(II), TSM-xxxPEG5M.25(II), TSM-xxxPEG5M.07(II),
TSM-xxxPEG5M.20(II), TSM-xxxPEG5M.27(II), TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II),
TSM-xxxPEG5M.40(II), TSM-xxxPEG5M.47(II),
(xxx=275-300, in steps of 5).

TSM-xxxPEG15M(II), TSM-xxxPEG15M.05(II), TSM-xxxPEG15M.25(II), TSM-xxxPEG15M.07(II),
TSM-xxxPEG15M.20(II), TSM-xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-xxxPEG15M.29(II),
TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II) (xxx=340-405, in steps of 5).

TSM-xxxPEG6M(II), TSM-xxxPEG6M.05(II), TSM-xxxPEG6M.25(II), TSM-xxxPEG6M.07(II),
TSM-xxxPEG6M.20(II), TSM-xxxPEG6M.27(II), TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II),
TSM-xxxPEG6M.40(II), TSM-xxxPEG6M.47(II), (xxx=280-335, in steps of 5).

TSM-xxxPEG17MC(II), TSM-xxxPEG17MC.05(II), TSM-xxxPEG17MC.25(II), TSM-xxxPEG17MC.07(II),
TSM-xxxPEG17MC.20(II), TSM-xxxPEG17MC.27(II), TSM-xxxPEG17MC.28(II), TSM-xxxPEG17MC.29(II)
(xxx=410-445, in steps of 5).

TSM-xxxPEG8MC(II), TSM-xxxPEG8MC.05(II), TSM-xxxPEG8MC.25(II), TSM-xxxPEG8MC.07(II),
TSM-xxxPEG8MC.20(II), TSM-xxxPEG8MC.27(II), TSM-xxxPEG8MC.28(II), TSM-xxxPEG8MC.29(II)
(xxx=350-365, in steps of 5)

TSM-xxxPEG17M(II), TSM-xxxPEG17M.05(II), TSM-xxxPEG17M.25(II), TSM-xxxPEG17M.07(II),
TSM-xxxPEG17M.20(II), TSM-xxxPEG17M.27(II), TSM-xxxPEG17M.28(II), TSM-xxxPEG17M.29(II)
(xxx=410-445, in steps of 5).

TSM-xxxPEG8M(II), TSM-xxxPEG8M.05(II), TSM-xxxPEG8M.25(II), TSM-xxxPEG8M.07(II),

TSM-xxxPEG8M.20(II), TSM-xxxPEG8M.27(II), TSM-xxxPEG8M.28(II), TSM-xxxPEG8M.29(II),
(xxx=350-365, in steps of 5).

TSM-xxxPEG5ZV, TSM-xxxPEG5ZV.05, TSM-xxxPEG5ZV.07, TSM-xxxPEG5ZV.40, TSM-xxxPEG5ZV.47
(xxx=280-300, in steps of 5).

TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25, TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, TSM-xxxNEG19RC.70(xxx=525-620, in steps of 5);

TSM-xxxNEG19R.20, TSM-xxxNEG19R.25, TSM-xxxNEG19R.27, TSM-xxxNEG19R.28,
TSM-xxxNEG19R.29, (xxx=525-620, in steps of 5);

TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25, TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27, TSM-xxxNEG9RC.29,
TSM-xxxNEG9RC.B0, TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8, TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=375-460, in steps of 5)

TSM-xxxNEG9R.20, TSM-xxxNEG9R.25, TSM-xxxNEG9R.28, TSM-xxxNEG9R.27, TSM-xxxNEG9R.29, TSM-
xxxNEG9R.B0, TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8, TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9,
(xxx=375-460, in steps of 5)

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TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W, (xxx=395-435, in steps of 5).

TSM-xxxDEG9RC.27W, (xxx=395-435, in steps of 5); TSM-xxxDEG18MC.20W(II), (xxx=460-510, in steps of 5);

TSM-xxxDEG19C.20W, (xxx=525-555, in steps of 5); TSM-xxxDEG19RC.20W, (xxx=540-590, in steps of 5);

TSM-xxxDEG20C.20W, TSM-xxxDEG20C.28W, TSM-xxxDEG20C.70(xxx=570-610, in steps of 5)

TSM-xxxDEG21C.20W, (xxx=625-675, in steps of 5);

TSM-xxxDEG18C.20W, (xxx=520-555, in steps of 5);

TSM-xxxNEG18C.20, TSM-xxxNEG18C.25, TSM-xxxNEG18C.27, TSM-xxxNEG18C.28, TSM-xxxNEG18C.29, (xxx=555-595, in steps of 5)

TSM-xxxNEG18R.20, TSM-xxxNEG18R.25, TSM-xxxNEG18R.27, TSM-xxxNEG18R.28, TSM-xxxNEG18R.29, (xxx=470-505, in steps of 5)

TSM-xxxNEG20MC.20, TSM-xxxNEG20MC.25, TSM-xxxNEG20MC.27, TSM-xxxNEG20MC.28, TSM-xxxNEG20MC.29, (xxx=600-635, in steps of 5)

Are in conformity with the following standards:

Directive 2014/35/EU, LVD

EN IEC 61730-1:2018

EN IEC 61730-2:2018

EN IEC 61730-1:2018 /AC:2018-06

EN IEC 61730-2:2018 /AC:2018-06

This Declaration of Conformity is issued for the listed above under the sole responsibility of Trina Solar. With reference to the Low Voltage Directive 2014/35/EU relating to the electrical equipment designed for use within certain voltage limits, it confirms that the list equipment complies with the principal protection requirements of the directive. If there is discrepancy between English version, Polish version and Spanish version, the English version should be prevailing.

Signature

Title: Director of Quality Department

Name: Bing Wang

Date: 1ST, March, 2024

Issued Place: China

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Certificate of Conformity

Certificate Number: CN-PVES-250223

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Zendure USA Inc. 1765 E BAYSHORE RD # 201 EAST PALO ALTO, CA 94303-5501 USA
Product:	SolarFlow 800 Pro Power Station SolarFlow 800 AC+ Power Station
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ZDSF800P, ZDSF800AC
Brand Name<s>:	ZENDURE SuperCharged+-
Product Complies with:	NA/EEA-NE7:2020, Grid connection for power generation systems to the low-voltage grid Type approval for Type A2
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	250103067GZU-002, 20 May 2025

Additional information in Appendix.


Signature

Certification Manager: Grady Ye
Date: 27 May 2025



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250223

Model	ZDSF800P	ZDSF800AC
PV Input		
Max. input Voltage	55 Vdc	--
MPPT voltage Range	14 -55 Vdc	--
Max. input current	4*18 Adc	--
PV Isc	4*22.5 Adc	--
AC Side		
Nominal input/output voltage	230 Vac	
Nominal input/output Frequency	50 Hz	
Max. output current (on-grid)	3.5 Aac	
Max. output power(on-grid)	800 W	
Max. output current (off-grid)	4.35 Aac	
Max. output power(off-grid)	1000 VA	
Max. input current	4.35 Aac	
Max. input power	1000 W	
Power factor range	0.8leading~0.8lagging	
Battery Side		
Battery Type	LiFePO	
Battery Rated Energy	1920 Wh	
Battery Rated Voltage	48 V dc	
Charge/Discharge Voltage Range	37.5~54.75 Vdc	
Max. Charge/Discharge Power (Without Extra Battery)	1440 W	
Max. Charge/Discharge Current (Without Extra Battery)	30 Adc	
Max. Charge/Discharge Power (With Extra Battery)	2000 W	
Max. Charge/Discharge Current (With Extra Battery)	40 Adc	
General information		
Safety level	Class I	
Ingress Protection	IP 65	
Operation Ambient Temperature	-20℃ - +55℃	
Software version	V1	

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

EU Declaration of Conformity

Product : Add-on Battery AB2000

Model : ZDAB2000

Product photo :



We, ZENDURE TECHNOLOGY CO., LIMITED herewith declare under our sole responsibility that the above-mentioned product meets the provisions of the following EC Council Directives and Standards. All supporting documentation is retained under the premises of the manufacturer.

Directives:

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
2015/863/EU (RoHS)

Product Safety and Performance Standard(s):

EN IEC 62368-1:2020+A11:2020

EMC Standards:

EN 55032:2015+A11:2020
EN 55035: 2017+A11:2020
EN IEC 61000-3-2: 2019
EN 61000-3-3: 2013 +A1:2019

RoHS Standards:

IEC 62321-3-1:2013
IEC 62321-4:2013+AMD1:2017

IEC 62321-5:2013
IEC 62321-6:2015
IEC 62321-7-1:2015
IEC 62321-7-2:2017
IEC 62321-8:2017

European Authorized Representative:

Zendure DE GmbH

Hoferstraße 9B, 71636 Ludwigsburg

Signed for and on behalf of:

<u>Augus xiong</u>	<u>Certification Engineer</u>	<u>2023.12.13</u>
Sign and steel	Position	Date of issue

Abzweigsteckverbinder MC4-Evo 2

Erneuerbare Energien | Solar Photovoltaics

DE

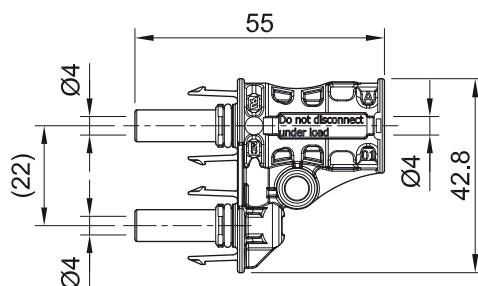


Abzweigsteckverbinder MC4-Evo 2

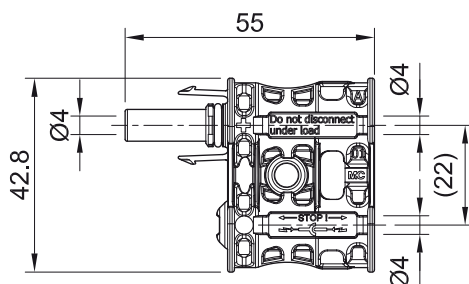
Der weltweit erste zweifach zertifizierte DC 1500 V Abzweigsteckverbinder

- „Plug-and-Play“: kein Crimp- oder Drehmomentwerkzeug erforderlich
- Vielseitig und kompakt
- Kompatibel mit original MC4- und MC4-Evo 2 Steckverbindern
- Zugelassen für DC 1500 V gemäß IEC 62852 und UL 6703
- Beständig gegen Salzsprühnebel
- Bewährte, langzeitstabile MULTILAM-Technologie, dadurch konstant geringe Verlustleistung über die gesamte Lebensdauer der Steckverbinder

PV-AZB4-EVO 2-UR



PV-AZS4-EVO 2-UR



Bestell-Nr.	Typ	Beschreibung
32.0196	PV-AZB4-EVO 2-UR	Abzweigbuchse MC4-Evo 2
32.0197	PV-AZS4-EVO 2-UR	Abzweigstecker MC4-Evo 2

Zubehör

32.0716	PV-BVK4	Verschlusskappe, passend für Buchsenseite
32.0717	PV-SVK4	Verschlusskappe, passend für Steckerseite
32.6066	PV-MS-MC4-EVO	Entriegelungsschlüssel



Montageanleitung MA292

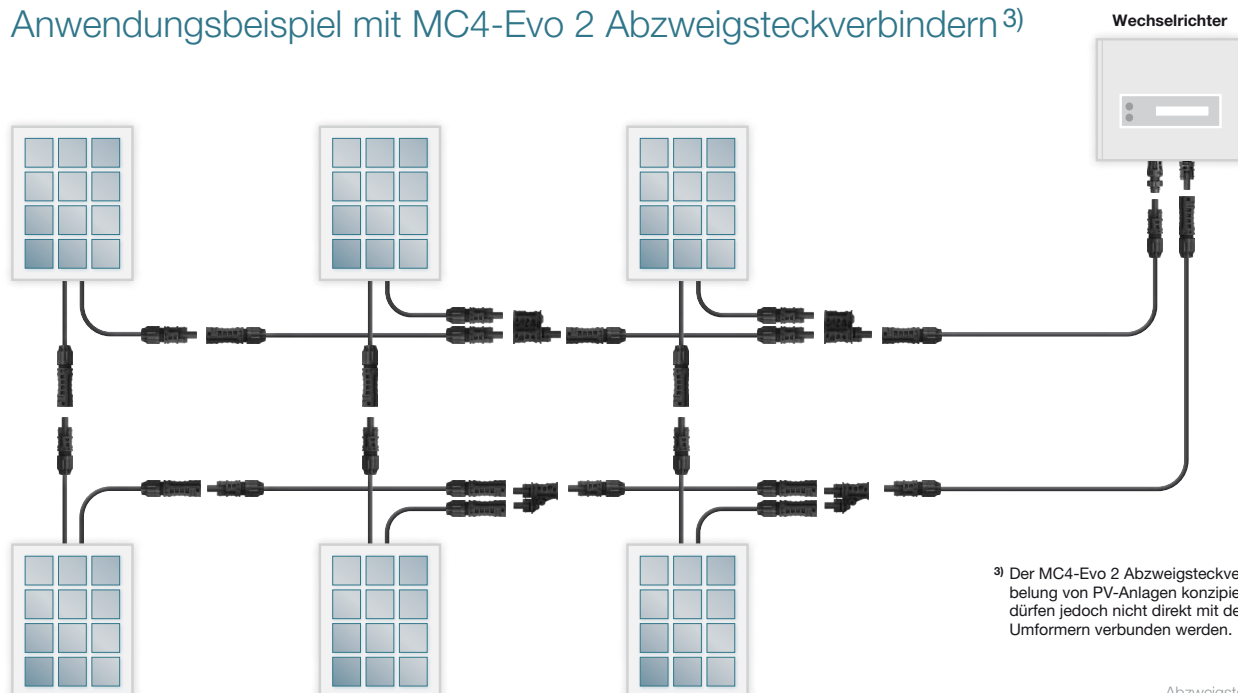
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Technische Daten	
Bemessungsspannung	DC 1500 V (gemäß IEC 62852: 2014 + AMD1:2020) DC 1500 V (gemäß UL 6703)
Prüfspannung	8 kV ²⁾
Bemessungstoßspannung	16 kV
Bemessungsstrom IEC	60 A ¹⁾
Bemessungsstrom UL	50 A ¹⁾
Umgebungstemperaturbereich (IEC)	-40 °C ... +85 °C
Umgebungstemperaturbereich (UL)	-40 °C ... +90 °C
Obere Grenztemperatur IEC	115 °C ¹⁾
Schutzart, gesteckt ungesteckt	IP65; IP68 (1 m/1 h) IP2X
Verschmutzungsgrad	3
Kontaktwiderstand der Steckverbinder	< 0,5 mΩ
Schutzklasse	II
Kontaktsystem	MULTILAM
Kontaktmaterial	Kupfer, verzinkt
Isolationsmaterial	PA
Verriegelungssystem	Verriegelungsart
Flammklasse	UL94-V0
Salznebelprüftest, Schärfegrad 6, gemäß IEC 60068-2-52	Ja
UV-Beständigkeit (gemäß ISO 4892-2/3)	Ja
TÜV-Rheinland zertifiziert nach IEC62852:2014+AMD1:2020	R 60149724
UL zertifiziert nach UL6703	E343181
Kompatibel mit Steckverbinder	Original MC4 Original MC4-Evo 2
Maximale Einsatzhöhe über Meeresspiegel	5000 m; AK 60159400
CE	EG-Konformitätserklärung

1) Die Nennspannung und die Nennstromstärke sowie die obere Grenztemperatur sind auf den MC4-Evo 2 Abzweigsteckverbinder bezogen. Weitere Informationen zu diesen Vorgaben finden Sie unter MA292.

2) Bemessungsspannung 1000 V und Prüfspannung 6 kV
Bemessungsspannung 1500 V und Prüfspannung 8 kV

Anwendungsbeispiel mit MC4-Evo 2 Abzweigsteckverbindern³⁾



³⁾ Der MC4-Evo 2 Abzweigsteckverbinder ist für die Verkabelung von PV-Anlagen konzipiert. Abzweigsteckverbinder dürfen jedoch nicht direkt mit den Aufbaudosen von Umformern verbunden werden.



● Staubli Standorte ○ Vertretungen / Agenten

Weltweite Präsenz des Staubli-Konzerns

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