C E R T I F I C A T E
of Conformity

TÜVRheinland®

Registration No.: A3 50726753 0001

Report No.: CN26FH81 001

Holder:
Wuxi Solinteg Power Co., Ltd.
Building H1-1001,
No. 6 Jingxian Road,
Xinwu District, Wuxi,
214135 Jiangsu
P.R. China

Product:
PV-Inverter
(Hybrid inverter)

Identification:
Type Designation:
M2HT-75K-300 , M2HT-80K-300 , M2HT-99K-300 ,
M2HT-100K-300 , M2HT-110K-300 , M2HT-125K-300
Software Version: V1.00
Remark(s): Refer to report CN26FH81 001 for details.

Tested acc. to:
EN 50549-1:2019+A1
EN 50549-10:2022

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Durch die DAkkS nach
DIN EN ISO/IEC 17065:2013
akkreditierte Zertifizierungsstelle.
Die Akkreditierung gilt nur für den in der
Urkundenanlage D-ZE-14169-01-02
aufgeführten Akkreditierungsumfang.

Certification Body

Corney Zhang

Date 06.05.2026

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Certificate No.: A3 50726753 0001

Certificate Of Conformity

License holder:	**Wuxi Solinteg Power Co., Ltd.** Building H1-1001, No. 6 Jingxian Road, Xinwu District, Wuxi, 214135 Jiangsu P.R. China
Type of product:	Hybrid inverter
Model:	M2HT-75K-300, M2HT-80K-300, M2HT-99K-300, M2HT-100K-300, M2HT-110K-300, M2HT-125K-300
Firmware version:	V1.00
Standard:	**EN 50549-1:2019+A1** Requirements for generating plants to be connected in parallel with distribution networks - Part 1: Connection to a LV distribution network -Generating plants up to and including Type B **EN 50549-10:2022** Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units
Report No.:	CN26FH81 001
Date of issue:	06.05.2026
Remark:	In case of voltage below Un, the apparent power of power unit will reduce to maintain the current limit. To reach full power on plant level, the permanent power derating or redundant amount of units could be implemented.

The verification of conformity refers to the above mentioned product. This is to verify that the specimen is in conformity with the assessment requirement mentioned above. This verification does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Corney Zhang
Certifier

TÜV Rheinland LGA Products GmbH
Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH
Am Grauen Stein 29 · 51105 Köln · Germany

DAkkS Deutsche Akkreditierungsstelle D-ZE-14169-01-02

TÜVRheinland®
Precisely Right.

EN 50549-1:2019+A1 Annex C Parameter Table

Clause(s) / sub-clause(s) of EN 50549-1:2019+A1	Parameter [a]	Remarks / additional information [b]	Typical value range	Value default
4.4.2 Operating frequency range	47,0 – 47,5 Hz Duration	Unlimited	0 – 20 s	0s
	47,5 – 48,5 Hz Duration	Unlimited	30 – 90 min	30 min
	48,5 – 49,0 Hz Duration	Unlimited	30 – 90 min	30 min
	49,0 -51,0 Hz Duration	Unlimited	not configurable	unlimited
	51,0 – 51,5 Hz Duration	Unlimited	30 – 90 min	30 min
	51, 5 – 52 Hz Duration	Unlimited	0 – 15 min	0 s
4.4.3 Minimal requirement for active power delivery at underfrequency	Reduction threshold	Not configurable	49 Hz – 49,5 Hz	49,5 Hz
	Maximum reduction rate	No reduction (≤ 10% P_M / Hz)	2– 10 % P_M/Hz	≤ 10% P_M /Hz
4.4.4 Continuous operating voltage range	Upper limit	110% U_c	not configurable	110% Un
	Lower limit	85% U_c	not configurable	85% Un
4.5.2 Rate of change of frequency (ROCOF) immunity	ROCOF withstand capability (defined with a sliding measurement window of 500 ms)	Up to ± 3.5 Hz/s	not defined	±2 Hz/s
4.5.3.2 Generating plant with non-synchronous generating technology	Maximum power resumption time	Not configurable	not defined	1 s
	Voltage-Time-Diagram	Configurable (Default / Most stringent requirement)	see Figure 6	Time [s] / U [p.u.] 0,0 / 0,2 0,15 / 0,2 1,5 / 0,85
4.5.4 Over-voltage ride through (OVRT)	Maximum power resumption time	Not configurable	Not configurable	1 s
	Voltage-Time-Diagram	Configurable (Default requirement/most stringent requirement)	not configurable	Time [s] / U [p.u.] 0,0 / 1,25 0,1 / 1,25 0,1 / 1,20 5,0 / 1,20 5,0 / 1,15 60 / 1,15 60 / 1,10
4.5.5 – Phase jump immunity	Phase jump immunity	Not configurable (Up to ± 180°)	Not configurable	± 180°

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4.6.1 Power response to over frequency	Threshold frequency f1	Configurable	50,2 Hz – 52 Hz	50,2 Hz
	Droop	Configurable	2 % – 12 %	5 %
	Power reference	Not configurable /Configurable	P_M | Pmax	Pmax, for synchronous generating technology and EESS
	Intentional delay	Configurable	0 – 2 s	0s
	Deactivation threshold fstop	Configurable	50,0 Hz – f1	deactivated
	Deactivation time tstop	Configurable	0 – 600 s	-
	Acceptance of staged disconnection	Not configurable	yes | no	yes
4.6.2 Power response to underfrequency	Threshold frequency f1	Configurable	49,8 Hz – 46 Hz	49,8 Hz
	Droop	Configurable	2 – 12 %	5 %
	Power reference	Not configurable (P_{max})	P_M | Pmax	Pmax
	Intentional delay	Configurable	0 – 2 s	0 s
4.7.2.2 Capabilities	Active factor / Reactive power (%Pd) range overexcited	0,8– 1 / 60% P_n – 0	0,9 – 1 / 48 %Pd - 0 0,95 – 1 / 33 %Pd - 0	0,9 – 1 / 43.6% P_n – 0
	Active factor / Reactive power (%Pd) range underexcited	0,8 – 1 / -60% P_n – 0	0,9 – 1 / 48 %Pd - 0 0,95 – 1 / 33 %Pd - 0	0,9 – 1 / -43.6% P_n – 0
4.7.2.3 Control modes	Enabled control mode	Configurable	Q setp. Q(U) Q(P) cos φ setp. cos φ (P)	Q setpoint
4.7.2.3.2 Setpoint control modes	Q setpoint and excitation	Configurable	0 – 48 % PD, 0 – 33 %PD	0
	Cos φ set point and excitation (ov and uv)	Configurable	1 – 0,9	1
	Time constant (τ)	Configurable (3 – 60 s)	3s-60s	3,33s
4.7.2.3.3 Voltage related control modes	Characteristic curve	Configurable Q(U)	D_{bchar}: -6% to +6 % U_n $Q_{max\ char}$: 10% – 100% of $Q_{max\ over}$ and $Q_{max\ under}$ Slope of the steepest: 1% – 100% Q_{max} / 1% U_n	indicate default characteristic (Figure 33 of EN 50549-10)

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	Time constant (τ)	Configurable (3 s– 60 s)	3 s – 60 s	3,33 s
	Min cos φ	Configurable	0,0 – 1	0,4
	Lock in power(P/P_n)	Configurable	0 % – 20 %	deactivated
	Lock out power(P/P_n)	Configurable	0 % – 20 %	deactivated
4.7.2.3.4 Power related control mode	Characteristic curve	Configurable Cos φ (P) Q(P)	$Q_{max\ char}$: 10% – 100% of $Q_{max\ over}$ and $Q_{max\ under}$ Slope of the steepest: 2% – 200% Q_{max} / 10% P_n	indicate default characteristic (Figure 36 of EN 50549-10)
	Time constant (τ)	Configurable	3 s – 60 s	3,33 s
	Lock-in voltage (U/U_n)	Configurable	100% – 110%	deactivated
	Lock-out voltage (U/U_n)	Configurable	90% – 100%	deactivated
4.7.4.2.2 Zero current mode for converter connected generating technology	Enabling	Configurable	enable | disable	disabled
	Static voltage range overvoltage	Configurable	100 % Un – 120 % Un	120 % Un
	Static voltage range undervoltage	Configurable	20 % Un – 100 % Un	50 % Un
4.9.2 Requirements on voltage and frequency protection	Threshold for protection as dedicated device [in A or kW, kVA]	Configurable	16 A – 250 kVA	--
	Undervoltage threshold stage 1	Configurable	0,2 Un – 1 Un	--
	Undervoltage operate time stage 1	Configurable	0,1 s – 100 s	--
	Undervoltage threshold stage 2	Configurable	0,2 Un – 1 Un	--
	Undervoltage operate time stage 2	Configurable	0,1 s – 5 s	--
	Overvoltage threshold stage 1	Configurable	1,0 Un – 1,2 Un	--
	Overvoltage operate time stage 1	Configurable	0,1 s – 100 s	--
	Overvoltage threshold stage 2	Configurable	1,0 Un – 1,3 Un	--
	Overvoltage operate time stage 2	Configurable	0,1 s – 5 s	--

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	Overvoltage threshold 10 min mean protection	Configurable	1,0 Un – 1,15 Un	--
	Underfrequency threshold stage 1	Configurable	47,0 Hz– 50,0 Hz	--
	Underfrequency operate time stage 1	Configurable	0,1 s – 100 s	--
	Underfrequency threshold stage 2	Configurable	47,0 Hz – 50,0 Hz	--
	Underfrequency operate time stage 2	Configurable	0,1 s – 5 s	--
	Overfrequency threshold stage 1	Configurable	50,0 Hz – 52,0 Hz	--
	Overfrequency operate time stage 1	Configurable	0,1 s – 100 s	--
	Overfrequency threshold stage 2	Configurable	50,0 Hz – 52,0 Hz	--
	Overfrequency operate time stage 2	Configurable	0,1 s – 5 s	--
4.10.2 Automatic reconnection after tripping	Lower frequency	Configurable	47,0 Hz – 50,0 Hz	49,5 Hz
	Upper frequency	Configurable	50,0 Hz – 52,0 Hz	50,2 Hz
	Lower voltage	Configurable	50 % Un – 100 % Un	85 % Un
	Upper voltage	Configurable	100 % Un – 120 % Un	110 % Un
	Observation time	Configurable	10 s – 600 s	60 s
	Active power increase gradient	Configurable	6 % – 3000 %/min	10 % /min
4.10.3 Starting to generate electrical power	Lower frequency	Configurable	47,0 Hz – 50,0 Hz	49,5 Hz
	Upper frequency	Configurable	50,0 Hz – 52,0 Hz	50,1 Hz
	Lower voltage	Configurable	50 % – 100 % Un	85 % Un
	Upper voltage	Configurable	100 % – 120 % Un	110 % Un
	Observation time	Configurable	10 s – 600 s	60 s
	Active power increase gradient	Configurable	6 % – 3000 %/min	disabled
4.11.1 Ceasing active power	Remote operation of the logic interface	Configurable	yes | no	No

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4.11.2 Reduction of active power on set point	Remote operation NOTE: If yes further definition is provided by the DSO	Configurable	yes | no	No
4.12 Remote information exchange	Remote information exchange required NOTE: If yes further definition is provided by the DSO	Configurable	yes | no	No (The protocols will be agreed between the local DSO and PGUs at final installation.

Supplementary:
ov: Over-excited; uv: Under-excited
[a] If additional parameters have been evaluated during the test, these shall be added as additional lines in the table.
[b] This column should be used for manufacturer specific parameter descriptions.

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C E R T I F I C A T E
of Conformity

Registration No.: A3 50737464 0001

Report No.: CN26L75H 001

Holder:
Wuxi Solinteg Power Co., Ltd.
Building H1-1001,
No. 6 Jingxian Road,
Xinwu District, Wuxi,
214135 Jiangsu
P.R. China

Product:
PV-Inverter
(Hybrid inverter)

Identification:
Type Designation:
M2HT-75K-300 , M2HT-80K-300 , M2HT-99K-300 ,
M2HT-100K-300 , M2HT-110K-300 , M2HT-125K-300
Software Version: V1.00
Remark(s): Refer to report CN26L75H 001 for details.

Tested acc. to:
EN 50549-2:2019+A1
EN 50549-10:2022

TÜV Rheinland LGA Products GmbH
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The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Durch die DAkkS nach
DIN EN ISO/IEC 17065:2013
akkreditierte Zertifizierungsstelle.
Die Akkreditierung gilt nur für den in der
Urkundenanlage D-ZE-14169-01-02
aufgeführten Akkreditierungsumfang.

Certification Body

Date 10.07.2026

A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Certificate No.: A3 50737464 0001

Certificate Of Conformity

License holder:	**Wuxi Solinteg Power Co., Ltd.** Building H1-1001, No. 6 Jingxian Road, Xinwu District, Wuxi, 214135 Jiangsu P.R. China
Type of product:	Hybrid inverter
Model:	M2HT-75K-300, M2HT-80K-300, M2HT-99K-300, M2HT-100K-300, M2HT-110K-300, M2HT-125K-300
Firmware version:	V1.00
Standard:	**EN 50549-2:2019+A1** Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network -Generating plants up to and including Type B **EN 50549-10:2022** Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units
Report No.:	CN26L75H 001
Date of issue:	10.07.2026
Remark:	In case of voltage below Un, the apparent power of power unit will reduce to maintain the current limit. To reach full power on plant level, the permanent power derating or redundant amount of units could be implemented.

The verification of conformity refers to the above mentioned product. This is to verify that the specimen is in conformity with the assessment requirement mentioned above. This verification does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

A. Chen
Certifier

TÜV Rheinland LGA Products GmbH
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EN 50549-2:2019+A1 Annex C Parameter Table

Clause(s) / sub-clause(s) of EN 50549-2:2019+A1	Parameter [a]	Remarks / additional information [b]	Typical value range	Value default
4.4.2 Operating frequency range	47,0 – 47,5 Hz Duration	Unlimited	0 – 20 s	0 s
	47,5 – 48,5 Hz Duration	Unlimited	30 – 90 min	30 min
	48,5 – 49,0 Hz Duration	Unlimited	30 – 90 min	30 min
	49,0 -51,0 Hz Duration	Unlimited	not configurable	unlimited
	51,0 – 51,5 Hz Duration	Unlimited	30 – 90 min	30 min
	51, 5 – 52 Hz Duration	Unlimited	0 – 15 min	0 s
4.4.3 Minimal requirement for active power delivery at underfrequency	Reduction threshold	Not configurable	49 Hz – 49,5 Hz	49,5 Hz
	Maximum reduction rate	No reduction (≤ 10% P_M / Hz)	2– 10 % P_M/Hz	≤10% P_M/Hz
4.4.4 Continuous operating voltage range	Upper limit	110% U_c	not configurable	110% Un
	Lower limit	90% U_c	not configurable	90% Un
4.5.2 Rate of change of frequency (ROCOF) immunity	ROCOF withstand capability (defined with a sliding measurement window of 500 ms)	Up to ± 3.5 Hz/s	not defined	±2 Hz/s
4.5.3.2 Generating plant with non-synchronous generating technology	Maximum power resumption time	Not configurable	not defined	1 s
	Voltage-Time-Diagram	Configurable (Default / Most stringent requirement)	see Figure 6	Time [s] / U [p.u.] 0,0 / 0,2 1,5 / 0,2 1,5 / 0,85 180 / 0,85 180 / 0,90
4.5.4 Over-voltage ride through (OVRT)	Maximum power resumption time	Not configurable	Not configurable	1 s
	Voltage-Time-Diagram	Configurable (Default requirement)	not configurable	Time [s] / U [p.u.] 0,0 / 1,25 0,1 / 1,25 0,1 / 1,20 5,0 / 1,20 5,0 / 1,15 60 / 1,15 60 / 1,10
4.5.5 – Phase jump immunity	Phase jump immunity	Not configurable (Up to ± 180°)	Not configurable	± 180°

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4.6.1 Power response to over frequency	Threshold frequency f1	Configurable	50,2 Hz – 52 Hz	50,2 Hz
	Droop	Configurable	2 % – 12 %	5 %
	Power reference	Configurable	P_M | Pmax	Pmax, for synchronous generating technology and EESS
	Intentional delay	Configurable	0 – 2 s	0s
	Deactivation threshold fstop	Configurable	50,0 Hz – f1	deactivated
	Deactivation time tstop	Configurable	0 – 600 s	-
	Acceptance of staged disconnection	Not configurable	yes | no	yes
4.6.2 Power response to underfrequency	Threshold frequency f1	Configurable	49,8 Hz – 46 Hz	49,8 Hz
	Droop	Configurable	2 – 12 %	5 %
	Power reference	Not configurable (P_{max})	P_M | Pmax	Pmax
	Intentional delay	Configurable	0 – 2 s	0 s
4.7.2.2 Capabilities	Active factor / Reactive power (%Pd) range overexcited	0,8– 1 / 60% P_n – 0	0,9 – 1 / 48 %Pd - 0 0,95 – 1 / 33 %Pd - 0	0,9 – 1 / 44% P_n – 0
	Active factor / Reactive power (%Pd) range underexcited	0,8 – 1 / -60% P_n – 0	0,9 – 1 / 48 %Pd - 0 0,95 – 1 / 33 %Pd - 0	0,9 – 1 / -44% P_n – 0
4.7.2.3 Control modes	Enabled control mode	Configurable	Q setp. Q(U) Q(P) cos φ setp. cos φ (P)	Q setpoint
4.7.2.3.2 Setpoint control modes	Q setpoint and excitation	Configurable	0 – 48 % PD, 0 33 %PD	0
	Cos φ set point and excitation (ov and uv)	Configurable	1 – 0,9	1
	Time constant (τ)	Configurable (3 – 60 s)	3s-60s	3,33s
4.7.2.3.3 Voltage related control modes	Characteristic curve	Configurable Q(U)	D_{bchar}: -6% to +6 % U_n $Q_{max\ char}$: 10% – 100% of $Q_{max\ over}$ and $Q_{max\ under}$ Slope of the steepest: 1% – 100% Q_{max} / 1% U_n	indicate default characteristic (Figure 33 of EN 50549-10)

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	Time constant	Configurable (3 s– 60 s)	3 s – 60 s	3,33 s
	Min cos φ	Configurable	0,0 – 1	0,4
	Lock in power(P/P_n)	Configurable	0 % – 20 %	deactivated
	Lock out power(P/P_n)	Configurable	0 % – 20 %	deactivated
4.7.2.3.4 Power related control mode	Characteristic curve	Configurable Cos φ (P) Q(P)	$Q_{max\ char}$: 10% – 100% of $Q_{max\ over}$ and $Q_{max\ under}$ Slope of the steepest: 2% – 200% Q_{max} / 10% P_n	indicate default characteristic (Figure 36 of EN 50549-10)
	Time constant (τ)	Configurable	3 s – 60 s	3,33 s
	Lock-in voltage (U/U_n)	Configurable	100% – 110%	deactivated
	Lock-out voltage (U/U_n)	Configurable	90% – 100%	deactivated
4.7.4.2.1 – Voltage support during faults and voltage steps – General / Generating Plant with non-synchronous generator	Enabling	Configurable	Enable | Disable	Disable
	Static voltage range overvoltage	Configurable	100% – 120% U_c	110%Uc
	Static voltage range undervoltage	Configurable	20% – 100% U_c	90%Uc
	Insensitivity range of ΔU_{50per}	Configurable	0% – 15%	5%
	Gradient k_1	Configurable	0 – 6	2
	Gradient k_2	Configurable	0 – 6	2
4.7.4.2.1.2 – Optional Modes / Generating Plant with non-synchronous generator	Active power priority	Configurable No threshold	Enable | Disable	No threshold Disable
	Reactive current limitation [% rated current]	Configurable No threshold	0% – 100%	No threshold Disable
	Zero current threshold	Configurable	20% – 100% U_c	Disable
4.7.4.2.2 Zero current mode for converter connected generating technology	Enabling	Configurable	Enable | Disable	Disabled
	Static voltage range overvoltage	Configurable	100 % Un – 120 % Un	120 % Un
	Static voltage range undervoltage	Configurable	20 % Un – 100 % Un	50 % Un
4.9.2 Requirements for voltage and frequency protection	Undervoltage threshold stage 1	Configurable	0,2 Un – 1 Un	--
	Undervoltage operate time stage 1	Configurable	0,1 s – 100 s	--

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	Undervoltage threshold stage 2	Configurable	0,2 Un – 1 Un	--
	Undervoltage operate time stage 2	Configurable	0,1 s – 5 s	--
	Overvoltage threshold stage 1	Configurable	1,0 Un – 1,2 Un	--
	Overvoltage operate time stage 1	Configurable	0,1 s – 100 s	--
	Overvoltage threshold stage 2	Configurable	1,0 Un – 1,3 Un	--
	Overvoltage operate time stage 2	Configurable	0,1 s – 5 s	--
	Overvoltage threshold 10 min mean protection	Configurable	1,0 Un – 1,15 Un	--
	Underfrequency threshold stage 1	Configurable	47,0 Hz– 50,0 Hz	--
	Underfrequency operate time stage 1	Configurable	0,1 s – 100 s	--
	Underfrequency threshold stage 2	Configurable	47,0 Hz – 50,0 Hz	--
	Underfrequency operate time stage 2	Configurable	0,1 s – 5 s	--
	Overfrequency threshold stage 1	Configurable	50,0 Hz – 52,0 Hz	--
	Overfrequency operate time stage 1	Configurable	0,1 s – 100 s	--
	Overfrequency threshold stage 2	Configurable	50,0 Hz – 52,0 Hz	--
	Overfrequency operate time stage 2	Configurable	0,1 s – 5 s	--
	Positive sequence under-voltage protection threshold	Configurable No threshold	20% – 100%	--
	Positive sequence under-voltage protection operate time	Configurable No threshold	0.2 – 100 s	--
	Negative sequence over-voltage protection threshold	Configurable No threshold	1 % – 100 %	--
	Negative sequence over-voltage protection operate time	Configurable No threshold	0,2 s – 100 s	--
	Zero sequence over-voltage protection threshold	Configurable No threshold	0 % – 100 %	--
	Zero sequence over-voltage protection operate time	Configurable No threshold	0,2 s – 100 s	--

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4.10.2 Automatic reconnection after tripping	Lower frequency	Configurable	47,0 Hz – 50,0 Hz	49,5 Hz
	Upper frequency	Configurable	50,0 Hz – 52,0 Hz	50,2 Hz
	Lower voltage	Configurable	50 % Un – 100 % Un	90 % Un
	Upper voltage	Configurable	100 % Un – 120 % Un	110 % Un
	Observation time	Configurable	10 s – 600 s	60 s
	Active power increase gradient	Configurable	6 % – 3000 %/min	10 % /min
4.10.3 Starting to generate electrical power	Lower frequency	Configurable	47,0 Hz – 50,0 Hz	49,5 Hz
	Upper frequency	Configurable	50,0 Hz – 52,0 Hz	50,1 Hz
	Lower voltage	Configurable	50 % – 100 % Un	90 % Un
	Upper voltage	Configurable	100 % – 120 % Un	110 % Un
	Observation time	Configurable	10 s – 600 s	60 s
	Active power increase gradient	Configurable	6 % – 3000 %/min	disabled
4.11.1 Ceasing active power	Remote operation of the logic interface	Configurable	yes | no	No
4.11.2 Reduction of active power on set point	Remote operation NOTE: If yes further definition is provided by the DSO	Configurable	yes | no	No
4.12 Remote information exchange	Remote information exchange required NOTE: If yes further definition is provided by the DSO	Configurable	yes | no	No (The protocols will be agreed between the local DSO and PGUs at final installation.)

Supplementary:
ov: Over-excited; uv: Under-excited
[a] If additional parameters have been evaluated during the test, these shall be added as additional lines in the table.
[b] This column should be used for manufacturer specific parameter descriptions.

TÜV Rheinland LGA Products GmbH
Am Grauen Stein 29 · 51105 Köln · Germany

C E R T I F I C A T E

of Conformity

Registration No.:	AK 50722743 0001
Report No.:	CN26A02B 001
Holder:	Wuxi Solinteg Power Co., Ltd. Building H1-1001, No. 6 Jingxian Road, Xinwu District, Wuxi, 214135 Jiangsu P.R. China
Product:	PV-Inverter *(Hybrid Inverter)*

Type designation listed on the next page

The certificate of conformity refers to the above-mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned on the next page. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date: 2026-04-22

Bowen Dong

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

C E R T I F I C A T E

of Conformity

Registration No.: AK 50722743 0001

Product: PV-Inverter
(Hybrid Inverter)

Tested according to: IEC 62477-1:2022
EN IEC 62477-1:2023

Identification: Type Designation

M2HT-75K-300	M2HT-80K-300
M2HT-99K-300	M2HT-100K-300
M2HT-110K-300	M2HT-125K-300

Remark(s): Refer to test report CN26A02B 001 for details.

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

LYNS-TCi

CERTIFICATE OF CONFORMITY

Certificate No.: **LS260135GCC-0**
Date of issue: 2026-05-26
Valid until: Indefinitely

Applicant: **Wuxi Solinteg Power Co., Ltd.**
Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135 Wuxi, Jiangsu Province, China

Product: Hybrid Inverter

Model(s):

M2HT-75K-300	**M2HT-80K-300**	**M2HT-99K-300**
M2HT-100K-300	**M2HT-110K-300**	**M2HT-125K-300**

Trademark: SOLINTEG

Technical data:

Nominal active output power [kW]:	75 ~ 125
Nominal output AC voltage [V]:	220 / 380V, 230 / 400V (3L + N + PE, 50 / 60Hz)

(For further details see *A.2* on p.2)

Software version: **V1.00**

Applied standard(s) / guideline(s):

IEC 60068-2-1:2025
Environmental testing - Part 2-1: Tests – Test A: Cold
IEC 60068-2-2:2025
Environmental testing - Part 2-2: Tests – Test B: Dry heat
IEC 60068-2-14:2023
Environmental testing - Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-30:2025
Environmental testing - Part 2-30: Tests – Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)
IEC 60068-2-64:2008 + ADM1:2019
Environmental testing - Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance
IEC 61683:1999, EN 61683:2000
Photovoltaic systems - Power conditioners - Procedure for measuring efficiency
IEC 61727:2004
Photovoltaic (PV) systems - Characteristics of the utility interface
IEC 62116:2014, EN 62116:2014
Utility-interconnected photovoltaic inverters - Test procedure of islanding prevention measures

Certification scheme: **CMPD-01**
(Type 1a Certification in accordance with ISO/IEC 17067)

Test report no.:
LS2A26022602EGIC01 (2026-05-15)
LS2A26022602EGIC02 (2026-05-15)
LS2A26022602EGIC03 (2026-05-15)
VTL26.03.050E(2026-05-06)

This certificate confirms that the above-mentioned generating unit(s) with corresponding software meet the requirements of the referenced standard(s) / guideline(s) at the time of issuance of the certificate.

This certificate is issued as a **Type 1a Certification in accordance with ISO/IEC 17067**. It is based solely on type testing of the identified sample product(s) and the specific tests undertaken. It does not extend to production or ongoing manufacturing.

No certification mark is authorized for this certification scheme. No factory surveillance or follow-up is performed. This certificate becomes **void** if any modification is made to the certified product, its installation, erection, or commissioning that may affect compliance with the evaluated requirements.

This certificate does not imply LYNS's endorsement, approval, certification, or ongoing control of the product(s), either in terms of performance, design, manufacture, or materials used. The certificate and the results stated herein relate solely to the sample product(s) tested and to the specific tests undertaken.

The certificate will remain valid for the stated period provided that no changes are made to the product, production method, or relevant certification scheme. This certificate is only valid when it is also found at http://www.lyns-tci.com/en/certificate-search or by contacting Lyns-tci Technology Guangdong Co., Ltd..

This certificate is for the exclusive use of LYNS's Client and is provided pursuant to the agreement between LYNS and its Client. LYNS's responsibility and liability are limited to the terms and conditions of the agreement. LYNS assumes no liability to any party other than the Client, in accordance with the agreement, for any loss, expense, or damage occasioned by the use of this certification.

The certificate is comprised of 2 pages (including Annex of 1 pages).

Dongguan, 2026-05-26

W. Zheng
Digitally signed by Weizhao Zheng
Date: 2026.05.26 12:08:47 +08'00'

Dipl.-Ing. Weizhao Zheng
Head of certification body

Certification body Lyns-tci Technology Guangdong Co., Ltd. accredited according to ISO/IEC 17065 for product certification.

Lyns-tci Technology Guangdong Co., Ltd.
Address: Room 1201, Unit 2, Building 18, No. 7, Science and Technology Boulevard, Houjie Town, Dongguan City, Guangdong, 523960 P.R.C
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Release No.: 1.2 (2025)

Annex to the Certificate No.: **LS260135GCC-0**

A.1 Revision history of the certificate

Rev. No.	Date	Changes	Status
0	2026-05-26	Initial issue	Active

A.2 Technical data of the power generating unit(s)

Model(s)	M2HT-75K-300	M2HT-80K-300	M2HT-99K-300	M2HT-100K-300	M2HT-110K-300	M2HT-125K-300
DC input (PV)						
Max. DC voltage [V]	1000					
MPPT voltage range [V]	160 ~ 950					
Max Input current [A]	48/48/48/48/48/48					
DC input (Battery)						
Voltage Range [V]	300 ~ 950					
Max. Charging / Discharging Current [A]	300 / 300					
AC Grid						
No. of phases	☐ Single-phase ☒ Three-phase					
Nominal AC voltage [V]	220 / 380V, 230 / 400V (3L + N + PE, 50 / 60Hz)					
Max. output current [A]	113.6	121.2	150	151.5	166.7	189.4
Nominal active output power [kW]	75	80	99	100	110	125
Max. apparent output power [kVA]	75	80	99	100	110	125

Operating temperature range	-30°C ~ +60°C
Degree of protection	IP66 (according to EN 60529)
Protection class	I (according to IEC 62109-1)
Over voltage category	AC: III; DC: II
Topology	Non-isolated

Firmware version	V1.00

Manufacturing factory	**Wuxi Solinteg Power Co., Ltd.** Building 10, No. 52 Changjiang South Road, Xinwu District, Wuxi, Jiangsu, P.R. China

A.3 Remarks for type testing

Testing laboratory	**Lyns-tci Technology Guangdong Co., Ltd.** Room 1201, Unit 2, Building 18, No. 7, Science and Technology Boulevard, Houjie Town, Dongguan City, Guangdong, 523960 P.R.C (Accredited acc. ISO/IEC 17025: A2LA Accreditation no. 5200.02)
Testing location	Same as above
Measurement period	2026-03-06 - 2026-05-07
Testing laboratory	**Jiangsu Vehicle Testing Services Co.,Ltd.** No.278, Huajin Road, Tongan Tow, SND, Suzhou, Jiangsu (Accredited acc. ISO/IEC 17025: CNAS Accreditation no. L12681
Testing location	Same as above
Measurement period	2026-03-19 - 2026-03-29

C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.:	AN 50720941 0001
Report No.:	CN2664HC 001
Holder:	Wuxi Solinteg Power Co., Ltd. Building H1-1001, No. 6 Jingxian Road, Xinwu District, Wuxi, 214135 Jiangsu P.R. China
Product:	PV-Inverter *(Hybrid Inverter)*

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date: 2026-04-17

Dean Cao

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50720941 0001

Product: PV-Inverter
(Hybrid Inverter)

Identification: Type Designation

1) M2HT-75K-300 2) M2HT-80K-300
3) M2HT-99K-300 4) M2HT-100K-300
5) M2HT-110K-300 6) M2HT-125K-300

Remark(s) : Issued in conjunction with TÜV Rheinland license R 50720938 0001

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

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Precisely Right.

LYNS-TCi

CERTIFICATE OF CONFORMITY

Certificate No.: **LS260003GCC-0**
Date of issue: 2026-01-26
Valid until: Indefinitely

Applicant:	**Wuxi Solinteg Power Co., Ltd.** Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135 Wuxi, Jiangsu Province, China
Product:	Hybrid Inverter
Model(s):	**M2HT-75K-300** **M2HT-80K-300** **M2HT-99K-300** **M2HT-100K-300** **M2HT-110K-300** **M2HT-125K-300**
Trademark:	SOLINTEG
Technical data:	Nominal active output power [kW]: 75 ~ 125 Nominal output AC voltage [V]: 400V (3L + N + PE, 50 Hz) (For further details see *A.2* on p.2)
Applied standard(s) / guideline(s):	**EN 55011:2016+A2:2021, CISPR 11:2024** Industrial, scientific and medical equipment. Radio-frequency disturbance characteristics - Limits and methods of measurement **EN IEC 61000-6-1:2019, IEC 61000-6-1:2016** Electromagnetic compatibility (EMC) – Part 6-1: Generic standards – Immunity standard for residential, commercial and light-industrial environments **EN IEC 61000-6-2:2019, IEC 61000-6-2:2016** Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity standard for industrial environments **EN IEC 61000-6-3:2021, IEC 61000-6-3:2020** Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – mission standard for equipment in residential environments **EN IEC 61000-6-4:2019, IEC 61000-6-4:2018** Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments
Certification scheme:	**CMPD-01** (Type 1a Certification in accordance with ISO/IEC 17067)
Test report no.:	**25121003-RE-EU-01** (2026-01-05)

This certificate confirms that the above-mentioned product(s) meet the requirements of the referenced standard(s) / guideline(s) at the time of issuance of the certificate.

This certificate is issued as a **Type 1a Certification in accordance with ISO/IEC 17067**. It is based solely on type testing of the identified sample product(s) and the specific tests undertaken. It does not extend to production or ongoing manufacturing.

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The certificate is comprised of 2 pages (including Annex of 1 pages).

Dongguan, 2026-01-26

Digitally signed by Weizhao Zheng
Date: 2026.01.26 15:57:41 +08'00'

Dipl.-Ing. Weizhao Zheng
Head of certification body

Certification body Lyns-tci Technology Guangdong Co., Ltd. accredited according to ISO/IEC 17065 for product certification.

Release No.: 1.2 (2025)

Lyns-tci Technology Guangdong Co., Ltd.
Address: Room 1201, Unit 2, Building 18, No. 7, Science and Technology Boulevard, Houjie Town, Dongguan City, Guangdong, 523960 P.R.C
Tel: +86 769 85598986 E-Mail: cb@lyns-tci.com Web: www.lyns-tci.com

Annex to the Certificate No.: **LS260003GCC-0**

A.1 Revision history of the certificate

Rev. No.	Date	Changes	Status
0	2026-01-26	Initial issue	Active

A.2 Technical data of the power generating unit(s)

Product family	**M2HT-{75~125}K-300**

Model	**M2HT-75K-300**	**M2HT-80K-300**	**M2HT-99K-300**
DC input (PV)			
Max. DC input voltage [V]	1000		
Operating MPPT voltage range [V]	160 ~ 950		
Max. input DC current	6 * 48		
AC connection			
No. of phases	☐ Single-phase		☒ Three-phase
Rated output AC voltage [V]	400V (3L + N + PE, 50 Hz)		
Max. output AC current [A]	113.6	121.2	150
Rated active output power [kW]	75	80	99
Max. apparent output power [kVA]	75	80	99

Model	**M2HT-100K-300**	**M2HT-110K-300**	**M2HT-125K-300**
DC input (PV)			
Max. DC input voltage [V]	1000		
Operating MPPT voltage range [V]	160 ~ 950		
Max. input DC current	6 * 48		
AC connection			
No. of phases	☐ Single-phase		☒ Three-phase
Rated output AC voltage [V]	400V (3L + N + PE, 50 Hz)		
Max. output AC current [A]	151.5	166.7	189.4
Rated active output power [kW]	100	110	125
Max. apparent output power [kVA]	100	110	125

Operating temperature range	-30°C ~ +60°C
Degree of protection	IP66 (according to EN 60529)
Protection class	I (according to IEC 62109-1)
Over voltage category	AC: III; DC: II (according to IEC 62109-1)
Topology	No Isolation

Manufacturer	**Wuxi Solinteg Power Co., Ltd.** Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135 Wuxi, Jiangsu Province, China

A.3 Remarks for type testing

Testing laboratory	**Hwa-Hsing (Dongguan) Testing Co., Ltd.** No. 101, Building N1, Yuyuan 2 Road, Yuyuan Industrial Park, HuangJiang Town, Dongguan City, People's Republic of China (Accredited acc. ISO/IEC 17025: A2LA Accreditation no. 5200.01)
Testing location	Same as above
Measurement period	2025-12-22 ~ 2026-01-04