

CERTIFICATE OF CONFORMITY



Issued to: Wuxi Wattsonic Energy Technology Co., Ltd.
Floor 4 Building H1 NO.6 Jingxian Road, Xinwu District, Wuxi 214135, China

For the product: Hybrid Inverter

Trade name: WATTSONIC

Type/Model: MATIC-10KW-50A, MATIC-12KW-50A, MATIC-15KW-50A, MATIC-20KW-50A,
MATIC-25KW-50A

Ratings: See Annex

Manufactured by: Wuxi Wattsonic Energy Technology Co., Ltd.
Floor 4 Building H1 NO.6 Jingxian Road, Xinwu District, Wuxi 214135, China

Requirements: C10/11:2024 (Edition 2.3)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6179595.50.

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2031-01-09 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2026-01-09

Certificate Number: 6179595.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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ESA-CER-F021 v4.1



PCA-141

Annex to 6179595.01COC

Ratings of the test product:

Operating temperature range: - 30°C to + 60°C

Protective class: I

Ingress protection rating: IP66

Power factor range (adjustable): 0.8 leading ~ 0.8 lagging

MATIC-10KW-50A

PV input: max 1000 Vdc, MPPT voltage range: 160–950 Vdc,

max input current: 20*2 A, Isc PV: 30*2 A,

Battery voltage range: 180–800 Vdc, Battery Max. Charge/ Discharge Current: 50/50 A; Type: Li-Ion.

AC output On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power On-grid 10 kW, max output apparent power On-grid 11 kVA, max output current 16.5 A @ 230V

AC input On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

max input apparent power On-grid 20 kVA

AC output Off-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power Off-grid 10 kW, max output apparent power Off-grid 11 kVA.

MATIC-12KW-50A

PV input: max 1000 Vdc, MPPT voltage range: 160–950 Vdc,

max input current: 20*2 A, Isc PV: 30*2 A,

Battery voltage range: 180–800 Vdc, Battery Max. Charge/ Discharge Current: 50/50 A; Type: Li-Ion.

AC output On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power On-grid 12 kW, max output apparent power On-grid 13.2 kVA, max output current 19.1 A @ 230V

AC input On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

max input apparent power On-grid 24 kVA

AC output Off-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power Off-grid 12 kW, max output apparent power Off-grid 13.2 kVA.

MATIC-15KW-50A

PV input: max 1000 Vdc, MPPT voltage range: 160–950 Vdc,

max input current: 20*4 A, Isc PV: 30*4 A,

Battery voltage range: 180–800 Vdc, Battery Max. Charge/ Discharge Current: 50/50 A; Type: Li-Ion.

AC output On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power On-grid 15 kW, max output apparent power On-grid 16.5 kVA, max output current 23.8 A @ 230V

AC input On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

max input apparent power On-grid 30 kVA

AC output Off-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power Off-grid 15 kW, max output apparent power Off-grid 16.5 kVA.

MATIC-20KW-50A

PV input: max 1000 Vdc, MPPT voltage range: 160–950 Vdc,

max input current: 20*4 A, Isc PV: 30*4 A,

Battery voltage range: 180–800 Vdc, Battery Max. Charge/ Discharge Current: 50/50 A; Type: Li-Ion.

AC output On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

Annex to 6179595.01COC

rated output power On-grid 20 kW, max output apparent power On-grid 22 kVA, max output current 31.9 A @ 230V

AC input On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

max input apparent power On-grid 40 kVA

AC output Off-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power Off-grid 20 kW, max output apparent power Off-grid 22 kVA.

MATIC-25KW-50A

PV input: max 1000 Vdc, MPPT voltage range: 160–950 Vdc,

max input current: 20*4 A, Isc PV: 30*4 A,

Battery voltage range: 180–800 Vdc, Battery Max. Charge/ Discharge Current: 50/50 A; Type: Li-Ion.

AC output On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power On-grid 25 kW, max output apparent power On-grid 25 kVA, max output current 36.2 A @ 230V

AC input On-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

max input apparent power On-grid 50 kVA

AC output Off-grid: 3L/N/PE, 220/380, 230/400, 240/415 Vac, 50/60 Hz,

rated output power Off-grid 25 kW, max output apparent power Off-grid 25 kVA.

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