

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: CISION-29.9KW-100A; CISION-30KW-100A; CISION-36KW-100A; CISION-40KW-100A; CISION-50KW-100A

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: EN 50549-1:2019; EN 50549-1:2019/A1:2023
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 (Requirements for type A Generating Units)
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
COMMISSION REGULATION (EU) 2016/631 (NC RfG)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6207362.50A, 6207362.50B.

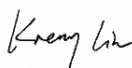
The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 30 July 2030 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-07-30

Certificate Number: 6207362.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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ESA-CER-F021 v4.1

Ratings of the test product:

Hardware version: 1.0
Software version: V1000

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

CISION-29.9KW-100A

PV input: max 1000 Vdc, MPPT voltage range: 180–950 Vdc,
max input current:4*40 A, Isc PV: 4*50 A,
Battery voltage range: 200–800 Vdc, Battery Max. Charge/ Discharge Current: 50+50/50+50 A; Type:Li-Ion.
AC output On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 29.9 kW, max output apparent power 29.9 kVA, max output current 43.3 A
AC input On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
max output apparent power 35.9 kVA, max output current 43.3 A
AC output off-grid: 3/N/PE, 20/380V;230/400V; 50/60 Hz,
rated output power 29.9 kW, max output apparent power 29.9 kVA.

CISION-30KW-100A

PV input: max 1000 Vdc, MPPT voltage range: 180–950 Vdc,
max input current:4*40 A, Isc PV: 4*50 A,
Battery voltage range: 200–800 Vdc, Battery Max. Charge/ Discharge Current: 50+50/50+50 A; Type:Li-Ion.
AC output On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 30 kW, max output apparent power 33 kVA, max output current 47.8 A
AC input On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
max output apparent power 36 kVA, max output current 47.8 A
AC output off-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 30 kW, max output apparent power 33 kVA.

CISION-36KW-100A

PV input: max 1000 Vdc, MPPT voltage range: 180–950 Vdc,
max input current:4*40 A, Isc PV: 4*50 A,
Battery voltage range: 200–800 Vdc, Battery Max. Charge/ Discharge Current: 50+50/50+50 A; Type:Li-Ion.
AC output On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 36 kW, max output apparent power 39.6 kVA, max output current 57.3 A
AC input On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
max output apparent power 43.2 kVA, max output current 57.3 A
AC output off-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 36 kW, max output apparent power 39.6 kVA.

CISION-40KW-100A

PV input: max 1000 Vdc, MPPT voltage range: 180–950 Vdc,
max input current:4*40 A, Isc PV: 4*50 A,
Battery voltage range: 200–800 Vdc, Battery Max. Charge/ Discharge Current: 50+50/50+50 A; Type:Li-Ion.
AC output On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 40 kW, max output apparent power 44 kVA, max output current 63.7 A
AC input On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
max output apparent power 48 kVA, max output current 63.7 A
AC output off-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 40 kW, max output apparent power 44 kVA.

CISION-50KW-100A

PV input: max 1000 Vdc, MPPT voltage range: 180–950 Vdc,
max input current:4*40 A, Isc PV: 4*50 A,
Battery voltage range: 200–800 Vdc, Battery Max. Charge/ Discharge Current: 50+50/50+50 A; Type:Li-Ion.
AC output On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 50 kW, max output apparent power 55 kVA, max output current 79.7 A
AC input On-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
max output apparent power 60 kVA, max output current 79.7 A
AC output off-grid: 3/N/PE, 220/380V;230/400V; 50/60 Hz,
rated output power 50 kW, max output apparent power 55 kVA.

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