

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: NRS 097-2-1:2024 Edition 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. 6179602.50

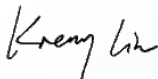
The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the manufacture's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-02-06 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2026-02-06

Number: 6179602.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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Ratings of the products:

Model	MATIC-10KW-50A	MATIC-12KW-50A	MATIC-15KW-50A	MATIC-20KW-50A	MATIC-25KW-50A
PV					
Max Input Power (kW)	16	19.2	24	32	40
Max DC Input Voltage (Vdc)	1000				
Start-Up Voltage (Vdc)	180				
Rated DC Input Voltage (Vdc)	620				
MPPT Operating Voltage Range (Vdc)	160~950				
Full-Load DC Voltage Range (Vdc)	300~850	350~850	300~850	300~850	350~850
Max Input Current (A)	20×2		20×4		
Max Short-Circuit Current (A)	30×2		30×4		
Number Of Single-String MPPT Input Strings	1				
MPPT Number	2		4		
BATTERY					
Battery Type	Lithium battery				
Battery Voltage Range (Vdc)	180~800				
Start Voltage (Vdc)	180				
Rated Battery Voltage (Vdc)	620				
Max Charge and Discharge Current (A)	50/50				
Max Charge and Discharge Power (kW)	30/30				
Number of Battery Inputs	1				
AC Input/Output					
Rated Output Power (kW)	10	12	15	20	25
Max Output Apparent Power (kVA)	11	13.2	16.5	22	25
Grid-Connected Max Input Apparent Power (kVA)	20	24	30	40	50
Battery Max Charging Power (kW)	10	12	15	20	25
Rated Output Current @ 230V (A)	14.5	17.4	21.7	29	36.2
Max Output Current @ 230V (A)	16.5	19.1	23.8	31.9	36.2
Rated AC Voltage (Vac)	3L/N/PE, 220/380, 230/400, 240/415				
Rated AC Frequency (Hz)	50/60				
Range of Adjustable Power Factor	>0.99, 0.8 leading ...0.8 lagging				
Off-Grid					
Rated Output Power (kW)	10	12	15	20	25
Max Output Apparent Power (kVA)	11	13.2	16.5	22	25
Max Output Current @ 230V (A)	16.5	19.1	23.8	31.9	36.2
Rated Output Voltage (Vac)	3L/N/PE, 220/380, 230/400, 240/415				
Rated Output Frequency (Hz)	50/60				
General Data					
Over voltage category: III(Mains), II(DC), Operating temperature range: - 30 °C to + 60 °C, Relative Humidity (%): 0-100, Protective class: I, Ingress protection rating: IP66, Operating Altitude (m): 4000, Isolation type: non-isolation,					

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