

# CERTIFICATE

of conformity with the following European Directives  
**Low Voltage Directive 2014/35/EU**

This certifies that below described products of the applicant:

**Shenzhen Jinsdon Lighting Technology CO., LTD.**  
201, 301 NO.68, BaiGongAo Industrial Zone, Xikeng Community,  
Fucheng Subdistrict, Longhua District, Shenzhen City, 518110, China

comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

**Product(s):** Hybrid Solar Inverter  
**Model type(s):** J6KHP, J5KHP, J4K6HP, J4KHP, J3K6HP, J3KHP

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.

Certification program: P31-VA-01 Rev. 02 / 04.20  
Certification fundamental(s): EN 62109-1:2010; EN 62109-2:2011  
Registered no.: 44 799 23 406749 - 239  
Report no.: 492012638.001  
File no.: PVP07086/23E-01



TÜV NORD CERT GmbH  
Certification Body  
Energy Storage System

Essen, 2023-08-16



TÜV NORD CERT GmbH

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Please also pay attention to the information stated overleaf.

 The CE marking may be affixed on the product if all relevant and effective Directives are complied with 

# ANNEX

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to Certificate registration no. 44 799 23 406749 - 239

**Description of product(s):**

Rating \ Model	J3KHP	J3K6HP	J4KHP	J4K6HP	J5KHP	J6KHP
PV input parameter:						
Max. input Power [kWp]..... :	4.6	4.6	6.0	6.0	7.0	7.0
MPP Voltage Range [V d.c.]..... :	125-500					
Max. Input Current [A d.c.]..... :	14*2					
Isc [A d.c.]..... :	17.5*2					
AC parameter (Grid/Stand-alone):						
Max. Apparent Power [kVA]..... :	3.0	3.68	4.0	4.6	5.0	6.0
Max. Current [A a.c.]..... :	13.0	16.0	17.4	20.0	21.7	26.0
Rated voltage [V a.c.]..... :	230					
Rated Frequency [Hz]..... :	50/60					
Power Factor cosφ [λ]..... :	0.9ind ~ 0.9cap					
Battery parameter:						
Battery Rated Voltage [V d.c.] ... :	48					
Max. Charging/Discharging Voltage [V d.c.]..... :	58					
Max. Charging Current [A d.c.] ... :	95					



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# ANNEX

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**to Certificate registration no. 44 799 23 406749 - 239**

Max. Discharging Current [A d.c.]:	62.5	76.6	83.3	95.8	104.2	110.0
System:						
Type of Isolation.....:	Non Isolated					
Number of DC connection..... :	2 PV &1 Battery					
Safety class.....:	Class I					
Ingress protection..... :	IP65					
Firmware [DSP / MCU] .....	V1.01.01					
LCD [version] .....	V1.00.01					

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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