

CERTIFICATE

Jinko Solar Co., Ltd.

No.1, Yingbin Road, Economic Development Zone,
Shangrao City, 334100 Jiangxi, P.R. China

is authorized to provide the product(s) mentioned below with the mark as illustrated:



Description of product(s) (details see Annex 2):

Power Conversion System

It is certified by **TÜV NORD CERT GmbH** that the product(s) described above has(have) been assessed according to the certification program mentioned below and found in compliance with the requirements of below specified certification fundamental(s). This certification is based on evaluation results as documented in test report(s) referenced below and production site(s) audit results as documented in factory inspection report(s) referenced in Annex 1. This certificate is valid in conjunction with these quoted report(s).

Certification program:	P31-VA-01 Rev. 02 / 04.20
Certification fundamental(s):	IEC 62477-1:2012+AMD1:2016
Registered no.:	44 780 23 406749 - 146
Manufacturer and factory(-ies):	See Annex 1
Report no.:	492012444.001, 492012446.001, 492012448.001
File no.:	PVP01087/23E-02, PVP01087/23E-04, PVP01087/23E-06

Valid from:2023-05-29

Valid until:2026-02-06



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ANNEX

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to Certificate registration no. 44 780 23 406749 - 146

Manufacturer:

Jinko Solar Co., Ltd.

No.1, Yingbin Road, Economic Development Zone,
Shangrao City, 334100 Jiangxi, P.R. China

Factory(-ies):

Shenzhen INVT Electric Co., Ltd. Bao'an Branch Factory
F1-F4, No.3 Building, Emerson Industrial Park, Fengtang Road,
Tangwei Community, Fuhai, Bao'an District, Shenzhen City,
Guangdong Province, 518103, P.R. China
Factory inspection report no.: 862010524.003

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

A handwritten signature in blue ink, appearing to read "Jannik Plenz".

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Description of product(s):

Model type :	JKP30LT(S)A / JKP30LTA		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version] :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	66
Voltage Range [V d.c.]..... :	420-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	33	Max. Current [A a.c.]..... :	48
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	33	Max. Current [A a.c.]..... :	48
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-



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Model type :	JKP50LT(S)A / JKP50LTA		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version]..... :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	120
Voltage Range [V d.c.]..... :	420-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	55	Max. Current [A a.c.]..... :	80
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	55	Max. Current [A a.c.]..... :	80
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-



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Model type :	JKP100LT(S)A / JKP100LTA		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version] :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	230
Voltage Range [V d.c.]..... :	420-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	110	Max. Current [A a.c.]..... :	160
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	110	Max. Current [A a.c.]..... :	160
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-



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Model type :	JKP150LT(S)A / JKP150LTA		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version] :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	350
Voltage Range [V d.c.]..... :	420-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	165	Max. Current [A a.c.]..... :	240
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ] :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	165	Max. Current [A a.c.]..... :	240
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ] :	[-0.99,0.99]	-	-



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Model type :	JKP250LT(S)A / JKP250LTA		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version] :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	570
Voltage Range [V d.c.] :	420-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	275	Max. Current [A a.c.]..... :	400
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	275	Max. Current [A a.c.]..... :	400
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-



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Model type :	JKP500LT(S)A		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version] :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	930
Voltage Range [V d.c.]..... :	500-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	550	Max. Current [A a.c.]..... :	800
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	550	Max. Current [A a.c.]..... :	800
Rated voltage [V a.c.] :	400 3W+N+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-



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Model type :	JKP500LNA		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version] :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	930
Voltage Range [V d.c.]..... :	500-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	550	Max. Current [A a.c.]..... :	800
Rated voltage [V a.c.] :	315/360/400 3W+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	550	Max. Current [A a.c.]..... :	800
Rated voltage [V a.c.] :	315/360/400 3W+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-



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Model type :	JKP630LNA		
General information			
Type of Isolation..... :	Isolated	Over voltage Category (OVC):	DC Input: II AC Output: III
Safety class..... :	Class I	IP grade :	IP21
Firmware [DSP / MCU] :	V1	LCD [version] :	V2
DC input parameter			
Vmax [Vd.c.]..... :	850	Max DC Current [A d.c.] :	1100
Voltage Range [V d.c.] :	500-850	-	-
AC output parameter (on-grid)			
Max. Apparent Power [kVA]..... :	693	Max. Current [A a.c.]..... :	1250
Rated voltage [V a.c.] :	315/360/400 3W+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-
AC output parameter (off-grid)			
Max. Apparent Power [kVA]..... :	693	Max. Current [A a.c.]..... :	1250
Rated voltage [V a.c.] :	315/360/400 3W+PE	Rated Frequency [Hz]..... :	50/60
Power Factor cosφ [λ]..... :	[-0.99,0.99]	-	-

Remark:

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



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