



Product Service

Compliance Document

No. D 003364 0039 Rev. 00

Holder of Attestation: Shanghai PYTES Energy Co., Ltd.

No. 3492 Jinqian Road
Fengxian District
201406 Shanghai
PEOPLE'S REPUBLIC OF CHINA

Product: Converter
Hybrid inverter with storage battery system**Model(s):** Hybrid inverter:
JS3PL8K, JS3PL10K, JS3PL12K, JS3PL15K

Storage battery system:
E-BOX 48100R (1-16 pieces), Pi LV1-1 (1-6 pieces),
Pi LV1-2 (1-6 pieces), Pi LV1-3 (1-6 pieces),
Pi LV1-4 (1-6 pieces), Pi LV1-5 (1-6 pieces),
Pi LV1-6 (1-6 pieces), V5° (1-16 pieces), V5°α (1-16 pieces),
V5°α Plus (1-16 pieces), V12 (1-4 pieces), V12α (1-4 pieces)

Parameters: See next pages.**Tested according to:** CEI 0-21:2022/V2:2024

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the particular sample. This compliance document makes no statement regarding the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092530006-00**Date,** 2025-11-11

(Zhengdong Ma)



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	The following generators meet the requirements of CEI 0-21:2022/V2:2024					
Section A	Manufacturer	Shanghai PYTES Energy Co., Ltd. No.3492 Jinqian Road, Fengxian District, 201406 Shanghai, PEOPLE'S REPUBLIC OF CHINA				
	Equipment type	Hybrid inverter with storage battery system				
	Brand	Pytes				
	Number of phase	☐ Single phase ☒ Three phase Frequency: 50 Hz Voltage: a.c. 230/400 V				
	Primary energy used	☒ Solar ☒ Storage ☐ Wind ☐ Hydroelectric ☐ CHP ☐ Other:				
	Generator model	JS3PL8K	JS3PL10K	JS3PL12K	JS3PL15K	
	Rated power (W)	8000	10000	12000	15000	
	The generator:	☒ is suitable for installation in systems with an output power of more than 11.08 kW ☒ is capable of limiting Idc to 0.5% of rated current ☒ uses a DC-sensitive protection function ☐ uses a transformer operating at mains frequency				
Section B	Characteristics of the interface protection system					
	Manufacturer	Shanghai PYTES Energy Co.,, Ltd. No.3492 Jinqian Road, Fengxian District, 201406 Shanghai, PEOPLE'S REPUBLIC OF CHINA				
	Model	JS3PL8K	JS3PL10K	JS3PL12K	JS3PL15K	
	Type	☒ Integrated ☐ Not integrated				
Section C	Characteristics of inverter(s)					
	Model of inverter	JS3PL8K	JS3PL10K	JS3PL12K	JS3PL15K	
	Manufacturer of inverter	Shanghai PYTES Energy Co., Ltd. No.3492 Jinqian Road, Fengxian District, 201406 Shanghai, PEOPLE'S REPUBLIC OF CHINA				
	Firmware version	A2				
	Rated power of inverter (P _{NINV}) (W)	8000	10000	12000	15000	
Section E	Characteristics of the storage system (SdA)					
	Representative Combination	JS3PL8K with V5°/V5°α/V5°α Plus (1 piece)	JS3PL8K with V5°/V5°α/V5°α Plus (2-16 pieces)	JS3PL8K with E-Box 48100R (1 piece)	JS3PL8K with E-Box 48100R (2 pieces)	JS3PL8K with E-Box 48100R (3-16 pieces)
	Psn (nominal discharge power) (W)	3800	7500	2550	5100	7500
	Pcn (nominal charging power) (W)	4090	8000	2720	5450	8000
	Psmax (max. discharge power) (W)	3800	7500	2550	5100	7500
	Pcmx (max. charging power) (W)	4090	8000	2720	5450	8000
	Representative Combination	JS3PL8K with V12/V12α (1 piece)	JS3PL8K with V12/V12α (2-4 pieces)	JS3PL8K with Pi LV1-1 (1 piece)	JS3PL8K with Pi LV1-1 (2 pieces)	JS3PL8K with Pi LV1-1 (3-6 pieces)
	Psn (nominal discharge power) (W)	5100	7500	2450	5100	7500
	Pcn (nominal charging power) (W)	5450	8000	2900	5450	8000
	Psmax (max. discharge power) (W)	5100	7500	2450	5100	7500
	Pcmx (max. charging power) (W)	5450	8000	2900	5450	8000



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Representative Combination	JS3PL8K with Pi LV1-2 (1 piece)	JS3PL8K with Pi LV1-2 (2-6 pieces)	JS3PL8K with Pi LV1-3/Pi LV1-4/Pi LV1-5/Pi LV1-6 (1-6 pieces)	JS3PL10K with V5°/V5°α/V5°α Plus (1 piece)	JS3PL10K with V5°/V5°α/V5°α Plus (2 pieces)
Psn (nominal discharge power) (W)	5100	7500	7500	3800	7700
Pcn (nominal charging power) (W)	5450	8000	8000	4090	8200
Psmx (max. discharge power) (W)	5100	7500	7500	3800	7700
Pcmx (max. charging power) (W)	5450	8000	8000	4090	8200
Representative Combination	JS3PL10K with V5°/V5°α/V5°α Plus (3-16 pieces)	JS3PL10K with E-Box 48100R (1 piece)	JS3PL10K with E-Box 48100R (2 pieces)	JS3PL10K with E-Box 48100R (3 pieces)	JS3PL10K with E-Box 48100R (4-16 pieces)
Psn (nominal discharge power) (W)	9400	2550	5100	7700	9400
Pcn (nominal charging power) (W)	10000	2720	5450	8200	10000
Psmx (max. discharge power) (W)	9400	2550	5100	7700	9400
Pcmx (max. charging power) (W)	10000	2720	5450	8200	10000
Representative Combination	JS3PL10K with V12/V12α (1 piece)	JS3PL10K with V12/V12α (2-4 pieces)	JS3PL10K with Pi LV1-1 (1 piece)	JS3PL10K with Pi LV1-1 (2 pieces)	JS3PL10K with Pi LV1-1 (3 pieces)
Psn (nominal discharge power) (W)	5100	9400	2450	5100	7700
Pcn (nominal charging power) (W)	5450	10000	2900	5450	8200
Psmx (max. discharge power) (W)	5100	9400	2450	5100	7700
Pcmx (max. charging power) (W)	5450	10000	2900	5450	8200
Representative Combination	JS3PL10K with Pi LV1-1 (4-6 pieces)	JS3PL10K with Pi LV1-2 (1 piece)	JS3PL10K with Pi LV1-2 (2-6 pieces)	JS3PL10K with Pi LV1-3 (1 piece)	JS3PL10K with Pi LV1-3 (2-6 pieces)
Psn (nominal discharge power) (W)	9400	5100	9400	7700	9400
Pcn (nominal charging power) (W)	10000	5450	10000	8200	10000
Psmx (max. discharge power) (W)	9400	5100	9400	7700	9400
Pcmx (max. charging power) (W)	10000	5450	10000	8200	10000
Representative Combination	JS3PL10K with Pi LV1-4/Pi LV1-5/Pi LV1-6 (1-6 pieces)	JS3PL12K with V5°/V5°α/V5°α Plus (1 piece)	JS3PL12K with V5°/V5°α/V5°α Plus (2 pieces)	JS3PL12K with V5°/V5°α/V5°α Plus (3-16 pieces)	JS3PL12K with E-Box 48100R (1 piece)
Psn (nominal discharge power) (W)	9400	3800	7700	11250	2550
Pcn (nominal charging power) (W)	10000	4090	8200	12000	2720
Psmx (max. discharge power) (W)	9400	3800	7700	11250	2550
Pcmx (max. charging power) (W)	10000	4090	8200	12000	2720
Representative Combination	JS3PL12K with E-Box 48100R (2 pieces)	JS3PL12K with E-Box 48100R (3 pieces)	JS3PL12K with E-Box 48100R (4 pieces)	JS3PL12K with E-Box 48100R (5-16 pieces)	JS3PL12K with V12/V12α (1 piece)



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Psn (nominal discharge power) (W)	5100	7700	10200	11250	5100
Pcn (nominal charging power) (W)	5450	8200	10900	12000	5450
Psmax (max. discharge power) (W)	5100	7700	10200	11250	5100
Pcmx (max. charging power) (W)	5450	8200	10900	12000	5450
Representative Combination	JS3PL12K with V12/V12α (2 pieces)	JS3PL12K with V12/V12α (3-4 pieces)	JS3PL12K with Pi LV1-1 (1 piece)	JS3PL12K with Pi LV1-1 (2 pieces)	JS3PL12K with Pi LV1-1 (3 pieces)
Psn (nominal discharge power) (W)	10200	11250	2450	5100	7700
Pcn (nominal charging power) (W)	10900	12000	2900	5450	8200
Psmax (max. discharge power) (W)	10200	11250	2450	5100	7700
Pcmx (max. charging power) (W)	10900	12000	2900	5450	8200
Representative Combination	JS3PL12K with Pi LV1-1 (4 pieces)	JS3PL12K with Pi LV1-1 (5-6 pieces)	JS3PL12K with Pi LV1-2 (1 piece)	JS3PL12K with Pi LV1-2 (2 pieces)	JS3PL12K with Pi LV1-2 (3-6 pieces)
Psn (nominal discharge power) (W)	10200	11250	5100	10200	11250
Pcn (nominal charging power) (W)	10900	12000	5450	10900	12000
Psmax (max. discharge power) (W)	10200	11250	5100	10200	11250
Pcmx (max. charging power) (W)	10900	12000	5450	10900	12000
Representative Combination	JS3PL12K with Pi LV1-3 (1 piece)	JS3PL12K with Pi LV1-3 (2-6 pieces)	JS3PL12K with Pi LV1-4/Pi LV1-5/Pi LV1-6 (1-6 pieces)	JS3PL15K with V5°/V5°α/V5°α Plus (1 piece)	JS3PL15K with V5°/V5°α/V5°α Plus (2 pieces)
Psn (nominal discharge power) (W)	7700	11250	11250	3800	7700
Pcn (nominal charging power) (W)	8200	12000	12000	4090	8200
Psmax (max. discharge power) (W)	7700	11250	11250	3800	7700
Pcmx (max. charging power) (W)	8200	12000	12000	4090	8200
Representative Combination	JS3PL15K with V5°/V5°α/V5°α Plus (3 pieces)	JS3PL15K with V5°/V5°α/V5°α Plus (4-16 pieces)	JS3PL15K with E-BOX 48100R (1 piece)	JS3PL15K with E-BOX 48100R (2 pieces)	JS3PL15K with E-BOX 48100R (3 pieces)
Psn (nominal discharge power) (W)	11250	14000	2550	5100	7700
Pcn (nominal charging power) (W)	12000	15000	2720	5450	8200
Psmax (max. discharge power) (W)	11250	14000	2550	5100	7700
Pcmx (max. charging power) (W)	12000	15000	2720	5450	8200
Representative Combination	JS3PL15K with E-BOX 48100R (4 pieces)	JS3PL15K with E-BOX 48100R (5 pieces)	JS3PL15K with E-BOX 48100R (6-16 pieces)	JS3PL15K with V12/V12α (1 piece)	JS3PL15K with V12/V12α (2 pieces)
Psn (nominal discharge power) (W)	11250	12700	14000	5100	11250



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Pcn (nominal charging power) (W)	12000	13600	15000	5450	12000
Psmx (max. discharge power) (W)	11250	12700	14000	5100	11250
Pcmx (max. charging power) (W)	12000	13600	15000	5450	12000
Representative Combination	JS3PL15K with V12/V12α (3-4 pieces)	JS3PL15K with Pi LV1-1 (1 piece)	JS3PL15K with Pi LV1-1 (2 pieces)	JS3PL15K with Pi LV1-1 (3 pieces)	JS3PL15K with Pi LV1-1 (4 pieces)
Psn (nominal discharge power) (W)	14000	2450	5100	7700	11250
Pcn (nominal charging power) (W)	15000	2900	5450	8200	12000
Psmx (max. discharge power) (W)	14000	2450	5100	7700	11250
Pcmx (max. charging power) (W)	15000	2900	5450	8200	12000
Representative Combination	JS3PL15K with Pi LV1-1 (5-6 pieces)	JS3PL15K with Pi LV1-2 (1 piece)	JS3PL15K with Pi LV1-2 (2 pieces)	JS3PL15K with Pi LV1-2 (3-6 pieces)	JS3PL15K with Pi LV1-3 (1 piece)
Psn (nominal discharge power) (W)	14000	5100	11250	14000	7700
Pcn (nominal charging power) (W)	15000	5450	12000	15000	8200
Psmx (max. discharge power) (W)	14000	5100	11250	14000	7700
Pcmx (max. charging power) (W)	15000	5450	12000	15000	8200
Representative Combination	JS3PL15K with Pi LV1-3 (2-6 pieces)	JS3PL15K with Pi LV1-4 (1 piece)	JS3PL15K with Pi LV1-4 (2-6 pieces)	JS3PL15K with Pi LV1-5 (1 pieces)	JS3PL15K with Pi LV1-5 (2-6 pieces)
Psn (nominal discharge power) (W)	14000	11250	14000	12700	14000
Pcn (nominal charging power) (W)	15000	12000	15000	13600	15000
Psmx (max. discharge power) (W)	14000	11250	14000	12700	14000
Pcmx (max. charging power) (W)	15000	12000	15000	13600	15000
Representative Combination	JS3PL15K with Pi LV1-6 (1-6 pieces)				
Psn (nominal discharge power) (W)	14000				
Pcn (nominal charging power) (W)	15000				
Psmx (max. discharge power) (W)	14000				
Pcmx (max. charging power) (W)	15000				
Type	☒ Bidirectional ☐ Monodirectional				
Batteries that can be used with the above inverters					
Brand	Pytes				
Technology	Rechargeable Li-ion Battery				
Models	E-BOX 48100R	V5°, V5°α,	V5°α Plus	V12, V12α	



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	CUS (kWh)	5.12	5.12	5.12	11.776		
	BMS firmware version	SPBMS16SPR2109-V1.1	SPBMS16SRP2203V1.10.1.C16	SPBMS16SEV1.11.1	SPBMS16SEV1.12.1		
	Number of modules	1-16 pieces	1-16 pieces	1-16 pieces	1-4 pieces		
	Brand	Pytes					
	Technology	Rechargeable Li-ion Battery					
	Models	Pi LV1-1	Pi LV1-2	Pi LV1-3	Pi LV1-4	Pi LV1-5	Pi LV1-6
	CUS (kWh)	5.12	10.24	15.36	20.48	25.60	30.72
	BMS firmware version	PLBMU-16S-RP-V1.01.003	PLBMU-16S-RP-V1.01.003	PLBMU-16S-RP-V1.01.003	PLBMU-16S-RP-V1.01.003	PLBMU-16S-RP-V1.01.003	PLBMU-16S-RP-V1.01.003
	Number of modules	1-6 pieces	1-6 pieces	1-6 pieces	1-6 pieces	1-6 pieces	1-6 pieces
	Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with instruction.					