



Product Service

Compliance Document

No. D 083373 0035 Rev. 01

Holder of Certificate: **JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.**

No. 189 Kun Lun Shan Road
Suzhou New District
215163 Suzhou, Jiangsu
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Hybrid Inverter with storage battery system

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.: 64290170590903

Date, 2018-12-21


(Zhengdong Ma)



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Model	GW5048-EM	GW3648-EM	GW3048-EM
AC output ratings (back-up)			
Back-up rated apparent power	2300 VA	2300 VA	2300 VA
Back-up rated output voltage	230 Va.c.	230 Va.c.	230 Va.c.
Back-up rated output current	10 Aa.c.	10 Aa.c.	10 Aa.c.
Back-up rated output frequency	50 Hz	50 Hz	50 Hz
Non-electrical parameters			
Inverter topology	Non-isolated	Non-isolated	Non-isolated
Operating temperature range	-25...60°C	-25...60°C	-25...60°C
Protective class	Class I	Class I	Class I
Ingress protection	IP65	IP65	IP65
Overvoltage category	II(DC), III(AC)	II(DC), III(AC)	II(DC), III(AC)

Battery and CUS information:

Battery		Capacity of storage system	
Model	Manufacturer	Capacity of per battery module (kWh)	Number(s) of battery module recommended
U3A1-50P-A	BYD LITHIUM BATTERY Co.,LTD	2,5	1 - 2
US2000	Pylon Technologies Co., Ltd.	2,4	1 - 2
RESU3.3	LG Chem, Ltd.	3,3	1
RESU6.5	LG Chem, Ltd.	6,5	1
RESU10	LG Chem, Ltd.	9,8	1
Battery-Box L3.5	BYD LITHIUM BATTERY Co.,LTD.	3,5	1
Battery-Box L7.0	BYD LITHIUM BATTERY Co.,LTD.	3,5	2
Battery-Box L10.5	BYD LITHIUM BATTERY Co.,LTD.	3,5	3
Battery-Box L14.0	BYD LITHIUM BATTERY Co.,LTD.	3,5	4

TYPE OF APPARATUS:

DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR STATIC CONVERSION	ROTATING GENERATOR DEVICE
X	X	X	

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Manufacturer: JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.

Apparatus type: Hybrid Inverter

Model: GW5048-EM, GW3648-EM, GW3048-EM

Firmware version: 03033

Number of phase: 1

Nominal power: See above tables for each model

Remark: The devices are capable to limit I_{dc} to 0,5% of the rated grid current

Having assessed the test report:

64.290.17.05909.03 Rev.00 dated 03.12.2018

Issued by laboratory:

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
5F, Communication Bldg., 163 Pingyun Road, Huangpu West Ave, Guangzhou city 510656,
P.R.China

Laboratory Accredited by DAkkS

In compliance with ISO/IEC 17025:2005

Accreditation number: D-PL-19065-01-00

Having examined the ISO 9001 certificate of the manufacturer number

NO: CN12/20507

Issued by:

SGS (Management system Grant No. CNCA-RF-2002-01)

Tested according to: CEI 0-21:2016
CEI 0-21/V1:2017

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