

## DECLARATION OF CONFORMITY

Manufacture Name: JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.

Manufacture Address: No.90 Zijin Rd., New District, Suzhou, 215011, China

Product Name: PV-INVERTER

Brand Name: GOODWE

Inverter Models:

NS Series : GW1000-NS, GW1500-NS, GW2000-NS, GW2500-NS, GW3000-NS

DNS Series : GW3000D-NS, GW3600D-NS, GW4200D-NS,

GW5000D-NS, GW6000D-NS

SDT Series : GW15KN-DT, GW12KN-DT, GW10KN-DT, GW9000-DT, GW8000-DT,

GW6000-DT, GW5000-DT, GW4000-DT

SDT G2 Series : GW4K-DT, GW5K-DT, GW6K-DT, GW8K-DT, GW10KT-DT,

GW12KT-DT, GW15KT-DT

EM Series : GW3048-EM, GW3648-EM, GW5048-EM

MT Series : GW50K-MT, GW60K-MT, GW50KN-MT, GW60KN-MT, GW70KHV-MT,

GW80KHV-MT, GW80K-MT

SMT Series : GW25K-MT, GW30K-MT, GW36K-MT

ET Series : GW10K-ET, GW8K-ET, GW5K-ET

XS Series : GW700-XS, GW1000-XS, GW1500-XS, GW2000-XS

ES Series : GW3648D-ES, GW5048D-ES

SBP Series : GW3600S-BP, GW5000S-BP

DT Series : GW17K-DT, GW20K-DT, GW25K-DT

We hereby declares that above Grid-tied PV Inverter models comply with followed directive:

**(EU) 2016/631**

**ILNAS-EN 50549-1:2019**

**SS EN 50438 TK9**

Including power limiting function and remote shutdown function.

The above models comply with followed parameters:

Parameter	Clearance time S	Trip value
Over-voltage – stage 1	60	230V+11%
Over-voltage – stage 2	0.2	230V+15%
Under-voltage	0.2	230V-15%
Over-frequency	0.5	51Hz
Under-frequency	0.5	47 Hz

Loss of Mains(LOM)	0.15	
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LFSM-O mode :

	Maximum	Minimum	default
<b>f<sub>1</sub></b>	50.5Hz	50.2Hz	50.2Hz
<b>s</b>	12%	2%	5%

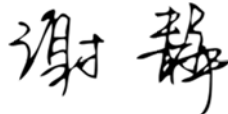
$$\Delta P = \frac{1}{s} \cdot \frac{(f_1 - f)}{f_n} \cdot P_{ref}$$

$$g \left[ \frac{P}{P_{ref}} / Hz \right] = \frac{1}{s \cdot f_n}$$

JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.

NAME & SURNAME: Jing Xie

POSITION: Safety Supervisor



SIGNATURE: