

Compliance Document

No. D 102174 0001 Rev. 00

Holder of Certificate: **ECOSOLYS Industria E Distribuicao S.A**

Rua General Potiguara, 1428
Condomínio Industrial Conesul C, Loja 01, Novo Mundo
81.050-551 Curitiba PR
BRAZIL

Product: **Converter
(PV grid-interactive inverter)**

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. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290180551504A

Date, 2020-10-29



(Billy Qiu)

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Model(s): ES GT-17K-V2, ES GT-20K-V2,
ES GT-22K-V2, ES GT-25K-V2,
ES GT-28K-V2, ES GT-30K-V2

Parameters:

Model:	ES GT-17K-V2	ES GT-20K-V2	ES GT-22K-V2	ES GT-25K-V2	ES GT-28K-V2	ES GT-30K-V2
Maximum rated d.c. input voltage	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
PV input operating voltage range	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.
Maximum operating PV input current	25 × 2 Ad.c.	25 × 2 Ad.c.	25 × 2 Ad.c.	37,5 × 2 Ad.c.	37,5 × 2 Ad.c.	37,5 × 2 Ad.c.
Maximum total PV array s-c current	30 × 2 Ad.c.	30 × 2 Ad.c.	30 × 2 Ad.c.	42 × 2 Ad.c.	42 × 2 Ad.c.	42 × 2 Ad.c.
a.c. output voltage	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.
Nominal a.c. output frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Maximum continuous a.c. output current	28,3 Aa.c.	33,5 Aa.c.	35 Aa.c.	40 Aa.c.	45 Aa.c.	48 Aa.c.
Nominal output active power P _n	17 kW	20 kW	22 kW	25 kW	28 kW	30 kW
Power factor	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.
Protection class	I	I	I	I	I	I

Tested according to:

IEC 61727:2004
IEC 62116:2014

ATTENTION



Product Service

Test Verification

Dated: October 15, 2020

Applicant: ECOSOLYS INDUSTRIA E DISTRIBUICAO S.A
R. General Potiguara, 1428, Ij 01, Novo Mundo,
Curitiba, Paraná, Brazil.

Product: PV Grid-interactive Inverter

Model: ES GT-17K-V2, ES GT-20K-V2, ES GT-22K-V2, ES
GT-25K-V2, ES GT-28K-V2, ES GT-30K-V2

Tested according to: IEC 61683:1999

Test report No.: 64.290.18.05516.01E

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

**Section Manager
[Billy Qiu]**

This Verification confirms that the test results of the presented product in the above listed test report are in compliance with the specified requirements. This Verification is part of the full test report(s) and should be read in conjunction with it.