

# Compliance Document

No. D 111366 0002 Rev. 00

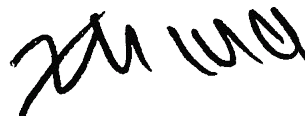
**Holder of Certificate:** **SELFA Grzejnictwo Elektryczne S.A.**  
Bieszczadzka 14  
71-042 Szczecin  
POLAND

**Product:** **Converter**  
**GRID-CONNECTED PV 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092101602-00

**Date,** 2021-01-25



( Zhengdong Ma )

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**Model(s):** SELFA SFT 4.0, SELFA SFT 5.0, SELFA SFT 6.0, SELFA SFT 8.0, SELFA SFT 10.0, SELFA SFT 12.0, SELFA SFT 15.0, SELFA SFT 17.0, SELFA SFT 20.0, SELFA SFT 25.0.

## Parameters:

Model Name	SELFA SFT 4.0	SELFA SFT 5.0	SELFA SFT 6.0	SELFA SFT 8.0
PV input parameters				
Max. input voltage	1100 Vd.c.			
MPPT voltage range	200-950 Vd.c.			
Max. input current	11/11 Ad.c.			
Isc PV	15/15 Ad.c.			
AC output parameters				
Output rated voltage	3/N/PE~ 230/400 Va.c.			
Output rated frequency	50 Hz			
Output rated power	4000 W	5000 W	6000 W	8000 W
Output Max. apparent power	4400 VA	5500 VA	6600 VA	8800 VA
Output Rated current	5.8 Aa.c.	7.3 Aa.c.	8.7 Aa.c.	11.6 Aa.c.
Output Max. current	6.7 Aa.c.	8.4 Aa.c.	10 Aa.c.	13.3 Aa.c.
Power factor	0.8 leading...0.8 lagging			
Others				
Protection class	I			
Ingress protection	IP65			
Overvoltage category	II(PV), III(MAINS)			
Operating temperature range	-30°C ... +60°C			
Operating altitude	3000m			
Inverter topology	Non-isolated			

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Model Name	SELFA SFT 10.0	SELFA SFT 12.0	SELFA SFT 15.0	SELFA SFT 17.0
PV input parameters				
Max. input voltage	1100 Vd.c.			
MPPT voltage range	200-950 Vd.c.			
Max. input current	11/11 Ad.c.	11/11 Ad.c.	11/22 Ad.c.	22/22 Ad.c.
Isc PV	15/15 Ad.c.	15/15 Ad.c.	15/30 Ad.c.	30/30 Ad.c.
AC output parameters				
Output rated voltage	3/N/PE~ 230/400 Va.c.			
Output rated frequency	50 Hz			
Output rated power	10000 W	12000 W	15000 W	17000 W
Output Max. apparent power	11000 VA	13200 VA	16500 VA	18700 VA
Output Rated current	14.5 Aa.c.	17.4 Aa.c.	21.7 Aa.c.	24.6 Aa.c.
Output Max. current	16.5 Aa.c.	20 Aa.c.	25 Aa.c.	28.4 Aa.c.
Power factor	0.8 leading...0.8 lagging			
Others				
Protection class	I			
Ingress protection	IP65			
Overvoltage category	II(PV), III(MAINS)			
Operating temperature range	-30°C ... +60°C			
Operating altitude	3000m			
Inverter topology	Non-isolated			

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Model Name	SELFA SFT 20.0	SELFA SFT 25.0
PV input parameters		
Max. input voltage	1100 Vd.c.	
MPPT voltage range	200-950 Vd.c.	
Max. input current	22/22 Ad.c.	
Isc PV	30/30 Ad.c.	
AC output parameters		
Output rated voltage	3/N/PE~ 230/400 Va.c.	
Output rated frequency	50 Hz	
Output rated power	20000 W	25000 W
Output Max. apparent power	22000 VA	25000 VA
Output Rated current	29 Aa.c.	36.2 Aa.c.
Output Max. current	31.9 Aa.c.	39 Aa.c.
Power factor	0.8 leading...0.8 lagging	
Others		
Protection class	I	
Ingress protection	IP65	
Overvoltage category	II(PV), III(MAINS)	
Operating temperature range	-30°C ... +60°C	
Operating altitude	3000m	
Inverter topology	Non-isolated	

**Tested  
according to:**

EN 50549-1:2019/AC:2019