

## Declaration of conformity

**Manufacture:**

Jiangsu Weiheng Intelligent Technology Co., Ltd.

Sheng Xiang, Yaxi Community, Luoshe Town, Huishan District, 214000 , Wuxi City, Jiangsu Province, P.R. China

**Product Description:**

Hybrid Inverter

**Series:**

Copia TH

**Models:**

WH-THA502, WH-THA602, WH-THA802, WH-THA103, WH-THA123, WH-THA133

**Parameters:**

Model	WH-THA502	WH-THA602
PV INPUT		
Max. DC input power	7500W	9000W
Absolute max. voltage	DC 1000V	
MPPT voltage range	DC 180...980V	
Rated operating voltage	DC 620V	
Max. input current	DC 18/18A	
Isc PV	DC 22/22A	
AC INPUT		
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V	
Rated current	AC 14.6	AC 17.4A
Max. input current	AC 16.2A	AC 19.2A
Rated frequency	50/60Hz	
Max. apparent power	10000VA	12000VA
Power factor	-0.8...+0.8	
AC OUTPUT		
Rated power	5000W	6000W
Rated apparent power	5000VA	6000VA
Max. apparent power	5000VA	6000VA
Rated frequency	50/60Hz	
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V	
Rated output current	AC 7.3A	AC 8.7A
Max. output current	AC 8.1A	AC 9.6A
Power factor	1(-0.8...+0.8 adjustable)	

EPS OUTPUT	
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V
Max. output current	AC 8.1A                      AC 9.6A
Rated frequency	50/60Hz
Rated apparent power	5000VA                      6000VA
Max. apparent power	5000VA                      6000VA
Power factor	-0.8...+0.8
BATTERY	
Battery type	Li-ion
Battery voltage range	DC 160...700V
Max. charge/discharge current	DC 25A
General information:	
Protective class	Class I
Ingress protection	IP65
Overvoltage category	III (AC), II (DC)
Operating temperature range	-25°C...+60°C
Inverter topology	Non-isolated

Model	WH-THA802	WH-THA103
PV INPUT		
Max. DC input power	12000W	15000W
Absolute max. voltage	DC 1000V	
MPPT voltage range	DC 180...980V	
Rated operating voltage	DC 620V	
Max. input current	DC 18/18A	
Isc PV	DC 22/22A	
AC INPUT		
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V	
Rated current	AC 23.2A	AC 26A
Max. input current	AC 25.6A	AC 26A
Rated frequency	50/60Hz	
Max. apparent power	16000VA	17900VA
Power factor	-0.8...+0.8	
AC OUTPUT		
Rated power	8000W	10000W
Rated apparent power	8000VA	10000VA
Max. apparent power	8000VA	10000VA
Rated frequency	50/60Hz	
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V	
Rated output current	AC 11.6A	AC 14.5A

Max. output current	AC 12.8A	AC 16.0A
Power factor	1(-0.8...+0.8 adjustable)	
<b>EPS OUTPUT</b>		
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V	
Max. output current	AC 12.8A	AC 16.0A
Rated frequency	50/60Hz	
Rated apparent power	8000VA	10000VA
Max. apparent power	8000VA	10000VA
Power factor	-0.8...+0.8	
<b>BATTERY</b>		
Battery type	Li-ion	
Battery voltage range	DC 160...700V	
Max. charge/discharge current	DC 25A	
General information:		
Protective class	Class I	
Ingress protection	IP65	
Overvoltage category	III (AC), II (DC)	
Operating temperature range	-25°C...+60°C	
Inverter topology	Non-isolated	

<b>Model</b>	<b>WH-THA123</b>	<b>WH-THA133</b>
<b>PV INPUT</b>		
Max. DC input power	20000W	20000W
Absolute max. voltage	DC 1000V	
MPPT voltage range	DC 180...980V	
Rated operating voltage	DC 620V	
Max. input current	DC 18/18A	
Isc PV	DC 22/22A	
<b>AC INPUT</b>		
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V	
Rated current	AC 26A	AC 26A
Max. input current	AC 26A	AC 26A
Rated frequency	50/60Hz	
Max. apparent power	17900VA	17900VA
Power factor	-0.8...+0.8	
<b>AC OUTPUT</b>		
Rated power	12000W	13000W
Rated apparent power	12000VA	13000VA
Max. apparent power	12000VA	13000VA
Rated frequency	50/60Hz	
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V	

	3/N/PE AC 240/415V	
Rated output current	AC 17.4A	AC 18.9A
Max. output current	AC 19.2A	AC 20.8A
Power factor	1(-0.8...+0.8 adjustable)	
EPS OUTPUT		
Rated voltage	3/N/PE AC 220/380V 3/N/PE AC 230/400V 3/N/PE AC 240/415V	
Max. output current	AC 19.2A	AC 20.8A
Rated frequency	50/60Hz	
Rated apparent power	12000VA	13000VA
Max. apparent power	12000VA	13000VA
Power factor	-0.8...+0.8	
BATTERY		
Battery type	Li-ion	
Battery voltage range	DC 160...700V	
Max. charge/discharge current	DC 25A	
General information:		
Protective class	Class I	
Ingress protection	IP65	
Overvoltage category	III (AC), II (DC)	
Operating temperature range	-25°C...+60°C	
Inverter topology	Non-isolated	

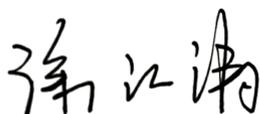
#### Manufacturer Compliance Declaration:

Copia TH series has been audited by TUV SUD according to EN 50549-1:2019/AC:2019 standard and obtained certificate. Section 4.9.4 of the EN 50549-1:2019/AC:2019 standard is means to detect island situation. These are methods which pass the resonant circuit test for PV inverters according to EN 62116.

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Signed:



Test Manager

Date: 01-09-2023