



Product Service

# Attestation of Conformity

No. N8A 117109 0033 Rev. 00

**Holder of Attestation:** **Jiangsu Weiheng Intelligent Technology Co., Ltd.**

Sheng Xiang, Yaxi Community, Luoshe Town, Huishan District  
214000 Wuxi, Jiangsu Province  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **PV inverter**  
**Hybrid Inverter**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 5040923003704-00

**Date,** 2023-05-19

( Zhengdong Ma )

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**Model(s):** 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<br>3/N/PE AC 230/400V<br>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<br>3/N/PE AC 230/400V<br>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<br>3/N/PE AC 230/400V<br>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                                                   |           |

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|                               |                                                                |           |
|-------------------------------|----------------------------------------------------------------|-----------|
| 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<br>3/N/PE AC 230/400V<br>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<br>3/N/PE AC 230/400V<br>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)                                      |           |
| EPS OUTPUT                    |                                                                |           |
| Rated voltage                 | 3/N/PE AC 220/380V<br>3/N/PE AC 230/400V<br>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                                                    |           |
| 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                                                   |           |

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|                               |                                                                |           |
|-------------------------------|----------------------------------------------------------------|-----------|
| Model                         | WH-THA123                                                      | WH-THA133 |
| PV INPUT                      |                                                                |           |
| 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                                                      |           |
| AC INPUT                      |                                                                |           |
| Rated voltage                 | 3/N/PE AC 220/380V<br>3/N/PE AC 230/400V<br>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                                                    |           |
| AC OUTPUT                     |                                                                |           |
| 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<br>3/N/PE AC 230/400V<br>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<br>3/N/PE AC 230/400V<br>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                                                   |           |

**Tested  
according to:**

EN 62109-1:2010  
EN 62109-2:2011

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