

Certificate of Conformity

Certificate Number: CN-PVES-260034

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specification(s)/standard(s) at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacturer(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

| | |
|---|---|
| Applicant: | Zendure USA Inc. 1765 E BAYSHORE RD # 201 EAST PALO ALTO, CA 94303-5501 USA |
| Product: | SolarFlow 1600 AC+ Power Station |
| Ratings & Principle Characteristics: | See appendix of Certificate of Conformity |
| Model: | ZDSF1600AC+, ZDA2509-800 |
| Brand Name(s): | ZENDURE SuperCharged+- |
| Product Complies with: | EN 50549-1: 2019+A1:2023, Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including type B EN 50549-10:2022, Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units Type approval for type A and B |
| Certificate Issuing Office Name & Address: | Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012 |
| Test Report No.: | 250929018GZU-001, 12 Jan 2026 |
| According to Annex H of the standard EN 50549-1:2019, generating plants compliant with the clauses of this European Standard are considered to be compliant with the relevant Article of COMMISSION REGULATION (EU) 2016/631, provided that all settings as provided by the DSO and the responsible party are complied with. Additional information in Appendix. | |



Signature

Certification Manager: Grady Ye

Date: 22 January 2026



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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260034

| Model | ZDSF1600AC+ | ZDA2509-800 |
|---|--|-------------|
| AC Side (On-Grid) | | |
| Nominal input/output voltage | 230 V a.c. | |
| Nominal input/output Frequency | 50 Hz | |
| Max. input current (singel Device) | 6.1 A a.c | |
| Max. input current (With Additional Batteries) | 7.0 A a.c | |
| Nominal output current (singel Device) | 3.5 A a.c. (default) / 6.1A a.c. (*premium) | 3.5 A a.c. |
| Nominal output current (With Additional Batteries) | 3.5 A a.c. (default) / 7.0A a.c. (*premium) | |
| Max. input power (singel Device) | 1400 W | |
| Max. input power (With Additional Batteries) | 1600 W | |
| Nominal output power (singel Device) | 800 W (default) / 1400W (*premium) | 800 W |
| Nominal output power (With Additional Batteries) | 800 W (default) / 1600W (*premium) | |
| Power factor range | 0.8leading~0.8lagging | |
| AC Side (Off-Grid) | | |
| Nominal input/output voltage | 230 V a.c. | |
| Nominal input/output Frequency | 50 Hz | |
| Max. output/input current (singel Device) | 6.1A a.c. | |
| Max. output/input current (With Additional Batteries) | 7.0A a.c. | |
| Max. output/input power (singel Device) | 1400 VA | |
| Max. output/input power (With Additional Batteries) | 1600 VA | |
| Power factor range | 0.8leading~0.8lagging | |
| Battery Side | | |
| Battery Type | LiFePO ₄ | |
| Battery Rated Energy | 1920 Wh | |
| Battery Rated Voltage | 48 V dc | |
| Max. Charge/Discharge Power | 1400 W | |
| Max. Charge/Discharge Current | 30 Adc | |
| General information | | |
| Safety level | Class I | |
| Ingress Protection | IP 65 | |
| Operation Ambient Temperature | -20°C - +55°C | |
| Software version | V1 | |

*Enabling this function must comply with local regulations and must be performed by professional technicians

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| Interface protection settings according to EN 50549-1 | | | |
|---|--|------------------------|--|
| Parameter | Max. disconnection time | Min. operate time | Trip value |
| Undervoltage threshold stage 1 [27 <] | 100s | 0.1s (0.1 s steps) | Trip value Config. from 0.2 to 1 Un (0.01 Un steps) |
| Undervoltage threshold stage 2 [27 <<] | 5s | 0.1s (0.05 s steps) | Trip value Config. from 0.2 to 1 Un (0.01 Un steps) |
| Ovvervoltage threshold stage 1 [59 >] | 100s | 0.1s (0.1 s steps) | Trip value Config. from 1.0 to 1.2 Un (0.01 Un steps) |
| Ovvervoltage threshold stage 2 [59>>] | 5s | 0.1s (0.05 s steps) | Trip value Config. from 1.0 to 1.3 Un (0.01 Un steps) |
| Overvoltage 10 min mean protection | Trip time Config≤ 3s not adjustable Time delay setting = 0 ms | | Trip value Config. from 1.0 to 1.15Un (0.01 Un steps) |
| Underfrequency threshold stage 1 [81 <] | 100s | 0.1s (0.1s steps) | Trip value Config. from 47.0 to 50.0Hz (0.1Hz steps) |
| Underfrequency threshold stage 2 [81 <<] | 5s | 0.1s (0.05 s steps) | Trip value Config. from 47.0 to 50.0Hz (0.1Hz steps) |
| Overfrequency threshold stage 1 [81 >] | 100s | 0.1s (0.1s steps) | Trip value Config. from 50.0 to 52.0Hz (0.1Hz steps) |
| Overfrequency threshold stage 2 [81 >>] | 5s | 0.1s (0.05 s steps) | Trip value Config. from 50.0 to 52.0Hz (0.1Hz steps) |
| Starting to and reconnection settings for voltage | 50%-120% adjustable, 85%Un≤ U≤1.10Un default | | |
| Starting to generate electrical power | 47Hz – 52Hz adjustable, 49.5Hz≤ U≤50.1Hz default | | |
| Reconnection settings for frequency | 47Hz – 52Hz adjustable, 49.5Hz≤ U≤50.2Hz default | | |
| Observation time | 10s-60s adjustable, 60s default | | |
| Active power increase gradient | 6%-3000%/min adjustable, 10%/min default | | |
| Permanent DC injection | 0.5% of rated inverter output | | |
| Loss of mains according to EN 62116 | Within 2s | | |

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