

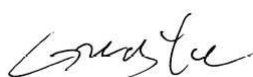
# Certificate of Conformity

Certificate Number: CN-PVES-250493

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 manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

|   |   |
|---|---|
| <b>Applicant:</b>                                     | Zendure USA Inc.<br>1765 E BAYSHORE RD # 201 EAST PALO ALTO, CA 94303-5501 USA  |
| <b>Product:</b>                                       | SolarFlow 2400 Pro Power Station<br>SolarFlow 2400 AC+ Power Station  |
| <b>Ratings &amp; Principle Characteristics:</b>       | See appendix of Certificate of Conformity   |
| <b>Model:</b>   | ZDSF2400P, ZDSF2400AC+, ZDSF2400P-800, ZDSF2400AC+-800  |
| <b>Brand Name&lt;s&gt;:</b>                           | ZENDURE SuperCharged+-  |
| <b>Product Complies with:</b>                         | EN 50549-1: 2019+A1:2023, Requirements for generating plants to be connected in parallel with distribution networks<br>Part 1: Connection to a LV distribution network - Generating plants up to and including type B<br>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<br>Type approval for type A and B |
| <b>Certificate Issuing Office Name &amp; Address:</b> | Intertek Testing Services Ltd. Shanghai<br>West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road<br>China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China<br>Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012   |
| <b>Test Report No.&lt;s&gt;:</b>                      | 250929008GZU-001, 07 Dec 2025   |

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 Dec 2025



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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250493

| Model  | ZDSF2400P                                   | ZDSF2400AC+ |
|--|---|-------------|
| PV Input   |   |             |
| Max. input Voltage   | 55 Vdc                                      | --          |
| MPPT voltage Range   | 14 -55 Vdc                                  | --          |
| Max. input current   | 4*18 Adc                                    | --          |
| PV Isc   | 4*22.5 Adc                                  | --          |
| AC Side  |   |             |
| Nominal input/output voltage   | 230 Vac                                     |             |
| Nominal input/output Frequency   | 50 Hz                                       |             |
| Nominal output current (on-grid)   | 3.5 A a.c. (default) /10.4A a.c. (*premium) |             |
| Nominal output power(on-grid)  | 800 W (default) / 2400W (*premium)          |             |
| Max. input current(on-grid)  | 13.9 Aac                                    |             |
| Max. input power(on-grid)  | 3200 W                                      |             |
| Max. output current(off-grid)  | 13.9 Aac                                    |             |
| Max. output power(off-grid)  | 3200 VA                                     |             |
| Max. input current(off-grid)   | 10.4 Aac                                    |             |
| Max. input power(off-grid)   | 2400 VA                                     |             |
| Power factor range   | 0.8leading~0.8lagging                       |             |
| Battery Side   |   |             |
| Battery Type   | LiFePO <sub>4</sub>                         |             |
| Battery Rated Energy   | 2400 Wh                                     |             |
| Battery Rated Voltage  | 48 V dc                                     |             |
| Charge/Discharge Voltage Range   | 37.5~54.75 Vdc                              |             |
| Max. Charge/Discharge Power  | 2400 W                                      |             |
| Max. Charge/Discharge Current  | 50 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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## APPENDIX (ANHANG)

Annex to Certificate No. (Anhang zur Zertifikatsnummer): CN-PVES-250493

|                                |                       |                 |
|--------------------------------|-----------------------|-----------------|
| Model                          | ZDSF2400P-800         | ZDSF2400AC+-800 |
| PV Input                       |                       |                 |
| Max. input Voltage             | 55 Vdc                | --              |
| MPPT voltage Range             | 14 -55 Vdc            | --              |
| Max. input current             | 4*18 Adc              | --              |
| PV Isc                         | 4*22.5 Adc            | --              |
| AC Side                        |                       |                 |
| Nominal input/output voltage   | 230 Vac               |                 |
| Nominal input/output Frequency | 50 Hz                 |                 |
| Max. output current (on-grid)  | 3.48 Aac              |                 |
| Max. output power(on-grid)     | 800 W                 |                 |
| Max. input current (on-grid)   | 13.9 Aac              |                 |
| Max. input power(on-grid)      | 3200 W                |                 |
| Max. output current (off-grid) | 13.9 Aac              |                 |
| Max. output power(off-grid)    | 3200 VA               |                 |
| Max. Input current (off-grid)  | 10.4 Aac              |                 |
| Max. input power(off-grid)     | 2400 VA               |                 |
| Power factor range             | 0.8leading~0.8lagging |                 |
| Battery Side                   |                       |                 |
| Battery Type                   | LiFePO4               |                 |
| Battery Rated Energy           | 2400 Wh               |                 |
| Battery Rated Voltage          | 48 V dc               |                 |
| Charge/Discharge Voltage Range | 37.5~54.75 Vdc        |                 |
| Max. Charge/Discharge Power    | 2400 W                |                 |
| Max. Charge/Discharge Current  | 50 Adc                |                 |
| General information            |                       |                 |
| Safety level                   | Class I               |                 |
| Ingress Protection             | IP 65                 |                 |
| Operation Ambient Temperature  | -20°C - +55°C         |                 |
| Software version               | V1                    |                 |

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250493

| 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<br>(0.1 s steps)                               | Trip value Config. from 0.2 to 1 Un<br>(0.01 Un steps)   |
| Undervoltage threshold stage 2 [27 << ]               | 5s  | 0.1s<br>(0.05 s steps)                              | Trip value Config. from 0.2 to 1 Un<br>(0.01 Un steps)   |
| Overvoltage threshold stage 1 [59 > ]                 | 100s  | 0.1s<br>(0.1 s steps)                               | Trip value Config. from 1.0 to 1.2 Un<br>(0.01 Un steps) |
| Overvoltage threshold stage 2 [59 >> ]                | 5s  | 0.1s<br>(0.05 s steps)                              | Trip value Config. from 1.0 to 1.3 Un<br>(0.01 Un steps) |
| Overvoltage 10 min mean protection                    | Trip time Config ≤ 3s not adjustable<br>Time delay setting = 0 ms |   | Trip value Config. from 1.0 to 1.15Un<br>(0.01 Un steps) |
| Underfrequency threshold stage 1 [81 < ]              | 100s  | 0.1s<br>(0.1s steps)                                | Trip value Config. from 47.0 to 50.0Hz<br>(0.1Hz steps)  |
| Underfrequency threshold stage 2 [81 << ]             | 5s  | 0.1s<br>(0.05 s steps)                              | Trip value Config. from 47.0 to 50.0Hz<br>(0.1Hz steps)  |
| Overfrequency threshold stage 1 [81 > ]               | 100s  | 0.1s<br>(0.1s steps)                                | Trip value Config. from 50.0 to 52.0Hz<br>(0.1Hz steps)  |
| Overfrequency threshold stage 2 [81 >> ]              | 5s  | 0.1s<br>(0.05 s steps)                              | Trip value Config. from 50.0 to 52.0Hz<br>(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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