

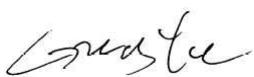
Certificate of Conformity

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.

Applicant:	Zendure USA Inc. 1765 E BAYSHORE RD # 201 EAST PALO ALTO, CA 94303-5501 USA
Product:	SolarFlow 2400 Pro Power Station SolarFlow 2400 AC+ Power Station
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ZDSF2400P, ZDSF2400AC+, ZDSF2400P-800, ZDSF2400AC+-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.<s>:	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 ₄	
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	LiFePO ₄	
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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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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