


Certificate of Conformity

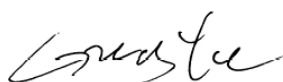
Certificate Number: CN-PVES-260056R1

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:	EcoFlow Inc. RM 401, Plant #1, Runheng Industrial Zone, Fuyuan Road, Zhancheng Community, Fuhai Street, Bao'an District, 518000 Shenzhen City, Guangdong Province, People's Republic of China
Product: Ratings & Principle Characteristics: Model:	EcoFlow OCEAN 2 Hybrid Inverter Three-Phase See appendix of Certificate of Conformity EF HD-P3-15K0-S2F, EF HD-P3-15K-G2F, EF HD-P3-12K-G2F, EF HD-P3-10K-G2F, EF HD-P3-8K-G2F, EF HD-P3-6K-G2F, EF HD-P3-5K-G2F, EF HD-P3-4K-G2F, EF HD-P3-3K-G2F, EF HD-P3-15K-G2, EF HD-P3-12K-G2, EF HD-P3-10K-G2, EF HD-P3-8K-G2, EF HD-P3-6K-G2, EF HD-P3-5K-G2, EF HD-P3-4K-G2, EF HD-P3-3K-G2, EF HD-P3-12K0-S2, EF HD-P3-10K0-S2, EF HD-P3-8K0-S2, EF HD-P3-6K0-S2, EF HD-P3-5K0-S2, EF HD-P3-12K0-S2F, EF HD-P3-10K0-S2F, EF HD-P3-8K0-S2F, EF HD-P3-6K0-S2F, EF HD-P3-5K0-S2F
Brand Name<s>:	 EcoFlow
Product Complies with:	EN 50549-1:2019+A1:2023 EN 50549-10:2022
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>:	260423172GZU-001, 27 Apr 2026

Replaces certificate CN-PVES-260056 dated 12 February 2026

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 30 April 2026



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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260056R1.

Model	EF HD-P3-15K0-S2F	EF HD-P3-12K0-S2F	EF HD-P3-10K0-S2F	EF HD-P3-8K0-S2F	EF HD-P3-6K0-S2F	EF HD-P3-5K0-S2F
PV Input:						
Vmax PV (Vd.c.)	1000					
MPPT Voltage Range (Vd.c.)	50-1000					
Number of MPPT trackers	3					
Max. PV input current (Ad.c.)	16/16/16					
Isc PV (absolute Max.) (Ad.c.)	20/20/20					
Battery Port (charge / discharge):						
Battery type	Li-ion					
Battery Nominal Voltage (Vd.c.)	800					
Max. Charging Current (Ad.c.)	20.8	20.8	20.8	20.8	20.8	20.8
Max. Discharging Current (Ad.c.)	20.4	18.0	15.0	12.0	9.0	6.8
Maximum Charge/Discharge Current of Expansion Terminal	28.0/20.4	28.0/18.0	28.0/15.0	28.0/12.0	24.0/9.0	20.0/6.8
AC input (Grid Side)						
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400					
Current (maximum continuous) (Aa.c.)	63	63	63	63	63	63
Frequency (Hz)	50					
Power factor(adjustable)	-0.8 ~ 0.8					

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AC Output (Grid Side)						
Rated Apparent Output Power (W)	15000	12000	10000	8000	6000	5000
Max Apparent Output Power (VA)	15000	13200	11000	8800	6600	5000
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400					
Frequency (Hz)	50Hz/ 60Hz					
Rated Output Current (Aa.c.)	21.7/22.7	18.2/17.4	15.2/14.5	12.2/11.6	9.1/8.7	7.2/7.6
Max. Output Current (Aa.c.)	25	21.4	17.8	14.3	10.7	8.9
Power factor(adjustable)	-0.8 ~ 0.8					
AC Output (Back-up):						
Nominal Output Power (W)	15000	12000	10000	8000	6000	5000
Normal Voltage (Va.c.)	3L/N/PE 220/230, 380/400					
Frequency (Hz)	50Hz/ 60Hz					
Rated Output Current (Aa.c.)	21.7/22.7	18.2/17.4	15.2/14.5	12.2/11.6	9.1/8.7	7.2/7.6
Max. Output Current (Off-Grid) (Aa.c.)	25	21.4	17.8	14.3	10.7	8.9
Max. Output Current (On-Grid) (Aa.c.)	63	63	63	63	63	63
Software version	V1.0.0.0					

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Model	EF HD-P3-12K0-S2	EF HD-P3-10K0-S2	EF HD-P3-8K0-S2	EF HD-P3-6K0-S2	EF HD-P3-5K0-S2
PV Input:					
Vmax PV (Vd.c.)	1000				
MPPT Voltage Range (Vd.c.)	50-1000				
Number of MPPT trackers	3				
Max. PV input current (Ad.c.)	16/16/16				
Isc PV (absolute Max.) (Ad.c.)	20/20/20				
Battery Port (charge / discharge):					
Battery type	Li-ion				
Battery Nominal Voltage (Vd.c.)	800				
Max. Charging Current (Ad.c.)	20.8	20.8	20.8	20.8	20.8
Max. Discharging Current (Ad.c.)	18	15	12	9	6.8
Maximum Charge/Discharge Current of Expansion Terminal	28/18	28/15	28/12	24/9	20/6.8
AC input (Grid Side)					
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Current (maximum continuous) (Aa.c.)	63	63	63	63	63
Frequency (Hz)	50				
Power factor(adjustable)	-0.8 ~ 0.8				

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AC Output (Grid Side)					
Rated Apparent Output Power (W)	12000	10000	8000	6000	5000
Max Apparent Output Power (VA)	13200	11000	8800	6600	5000
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Frequency (Hz)	50Hz/ 60Hz				
Rated Output Current (Aa.c.)	18.2/17.4	15.2/14.5	12.2/11.6	9.1/8.7	7.2/7.6
Max. Output Current (Aa.c.)	21.4	17.8	14.3	10.7	8.9
Power factor(adjustable)	-0.8 ~ 0.8				
AC Output (Back-up):					
Nominal Output Power (W)	12000	10000	8000	6000	5000
Normal Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Frequency (Hz)	50Hz/ 60Hz				
Rated Output Current (Aa.c.)	18.2/17.4	15.2/14.5	12.2/11.6	9.1/8.7	7.2/7.6
Max. Output Current (Off-Grid) (Aa.c.)	21.4	17.8	14.3	10.7	8.9
Max. Output Current (On-Grid) (Aa.c.)	63	63	63	63	63
Software version	V1.0.0.0				

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Model	EF HD-P3-15K-G2F	EF HD-P3-12K-G2F	EF HD-P3-10K-G2F	EF HD-P3-8K-G2F	EF HD-P3-6K-G2F
PV Input:					
Vmax PV (Vd.c.)	1000				
MPPT Voltage Range (Vd.c.)	50-1000				
Number of MPPT trackers	3				
Max. PV input current (Ad.c.)	20/20/20				
Isc PV (absolute Max.) (Ad.c.)	25/25/25				
Battery Port (charge / discharge):					
Battery type	Li-ion				
Battery Nominal Voltage (Vd.c.)	800				
Max. Charging Current (Ad.c.)	28.0	28.0	28.0	28.0	24.0
Max. Discharging Current (Ad.c.)	20.4	18.0	15.0	12.0	9.0
Maximum Charge/Discharge Current of Expansion Terminal	20.4	18.0	15.0	12.0	9.0
AC input (Grid Side)					
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Current (maximum continuous) (Aa.c.)	63.0	63.0	63.0	63.0	63.0
Frequency (Hz)	50				
Power factor(adjustable)	-0.8 ~ 0.8				

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AC Output (Grid Side)					
Rated Output Power (W)	15000	12000	10000	8000	6000
Max Apparent Output Power (VA)	15000	13200	11000	8800	6600
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Frequency (Hz)	50Hz/ 60Hz				
Rated Output Current (Aa.c.)	21.7/22.7	18.2/ 17.4	15.2/ 14.5	12.2/ 11.6	9.1/ 8.7
Max. Output Current (Aa.c.)	25.0	21.4	17.8	14.3	10.7
Power factor(adjustable)	-0.8 ~ 0.8				
AC Output (Back-up):					
Nominal Output Power (W)	15000	12000	10000	8000	6000
Normal Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Frequency (Hz)	50Hz/ 60Hz				
Rated Output Current (Aa.c.)	21.7/22.7	18.2/17.4	15.2/14.5	12.2/11.6	9.1/8.7
Max. Output Current (Off-Grid) (Aa.c.)	25.0	21.4	17.8	14.3	10.7
Max. Output Current (On-Grid) (Aa.c.)	63	63	63	63	63
Software version	V1.0.0.0				

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Model	EF HD-P3-5K-G2F	EF HD-P3-4K-G2F	EF HD-P3-3K-G2F
PV Input:			
Vmax PV (Vd.c.)	1000		
MPPT Voltage Range (Vd.c.)	50-1000		
Number of MPPT trackers	3		
Max. PV input current (Ad.c.)	20/20/20		
Isc PV (absolute Max.) (Ad.c.)	25/25/25		
Battery Port (charge / discharge):			
Battery type	Li-ion		
Battery Nominal Voltage (Vd.c.)	800		
Max. Charging Current (Ad.c.)	20.0	16.0	12.0
Max. Discharging Current (Ad.c.)	7.5	6.0	4.5
Maximum Charge/Discharge Current of Expansion Terminal	7.5	6.0	4.5
AC input (Grid Side)			
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400		
Current (maximum continuous) (Aa.c.)	63	63	63
Frequency (Hz)	50		
Power factor(adjustable)	-0.8 ~ 0.8		

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AC Output (Grid Side)			
Rated Output Power (W)	5000	4000	3000
Max Apparent Output Power (VA)	5000	4400	3300
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400		
Frequency (Hz)	50Hz/ 60Hz		
Rated Output Current (Aa.c.)	7.2/7.6	5.8/6.1	4.3/4.5
Max. Output Current (Aa.c.)	8.9	7.1	5.3
Power factor(adjustable)	-0.8 ~ 0.8		
AC Output (Back-up):			
Nominal Output Power (W)	5000	4000	3000
Normal Voltage (Va.c.)	3L/N/PE 220/230, 380/400		
Frequency (Hz)	50Hz/ 60Hz		
Rated Output Current (Aa.c.)	7.2/7.6	5.8/6.1	4.3/4.5
Max. Output Current (Off-Grid) (Aa.c.)	8.9	7.1	5.3
Max. Output Current (On-Grid) (Aa.c.)	63	63	63
Software version	V1.0.0.0		

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Model	EF HD-P3-15K-G2	EF HD-P3-12K-G2	EF HD-P3-10K-G2	EF HD-P3-8K-G2	EF HD-P3-6K-G2
PV Input:					
Vmax PV (Vd.c.)	1000				
MPPT Voltage Range (Vd.c.)	50-1000				
Number of MPPT trackers	3				
Max. PV input current (Ad.c.)	20/20/20				
Isc PV (absolute Max.) (Ad.c.)	25/25/25				
Battery Port (charge / discharge):					
Battery type	Li-ion				
Battery Nominal Voltage (Vd.c.)	800				
Max. Charging Current (Ad.c.)	28.0	28.0	28.0	28.0	24.0
Max. Discharging Current (Ad.c.)	20.4	18.0	15.0	12.0	9.0
Maximum Charge/Discharge Current of Expansion Terminal	20.4	18.0	15.0	12.0	9.0
AC input (Grid Side)					
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Current (maximum continuous) (Aa.c.)	63.0	63.0	63.0	63.0	63.0
Frequency (Hz)	50				
Power factor(adjustable)	-0.8 ~ 0.8				

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AC Output (Grid Side)					
Rated Output Power (W)	15000	12000	10000	8000	6000
Max Apparent Output Power (VA)	15000	13200	11000	8800	6600
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Frequency (Hz)	50Hz/ 60Hz				
Rated Output Current (Aa.c.)	21.7/22.7	18.2/17.4	15.2/14.5	12.2/11.6	9.1/8.7
Max. Output Current (Aa.c.)	25.0	21.4	17.8	14.3	10.7
Power factor(adjustable)	-0.8 ~ 0.8				
AC Output (Back-up):					
Nominal Output Power (W)	15000	12000	10000	8000	6000
Normal Voltage (Va.c.)	3L/N/PE 220/230, 380/400				
Frequency (Hz)	50Hz/ 60Hz				
Rated Output Current (Aa.c.)	21.7/22.7	18.2/17.4	15.2/14.5	12.2/11.6	9.1/8.7
Max. Output Current (Off-Grid) (Aa.c.)	25.0	21.4	17.8	14.3	10.7
Max. Output Current (On-Grid) (Aa.c.)	63	63	63	63	63
Software version	V1.0.0.0				

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Model	EF HD-P3-5K-G2	EF HD-P3-4K-G2	EF HD-P3-3K-G2
PV Input:			
Vmax PV (Vd.c.)	1000		
MPPT Voltage Range (Vd.c.)	50-1000		
Number of MPPT trackers	3		
Max. PV input current (Ad.c.)	20/20/20		
Isc PV (absolute Max.) (Ad.c.)	25/25/25		
Battery Port (charge / discharge):			
Battery type	Li-ion		
Battery Nominal Voltage (Vd.c.)	800		
Max. Charging Current (Ad.c.)	20.0	16.0	12.0
Max. Discharging Current (Ad.c.)	7.5	6.0	4.5
Maximum Charge/Discharge Current of Expansion Terminal	7.5	6.0	4.5
AC input (Grid Side)			
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400		
Current (maximum continuous) (Aa.c.)	63	63	63
Frequency (Hz)	50		
Power factor(adjustable)	-0.8 ~ 0.8		

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AC Output (Grid Side)			
Rated Output Power (W)	5000	4000	3000
Max Apparent Output Power (VA)	5000	4400	3300
Normal AC Voltage (Va.c.)	3L/N/PE 220/230, 380/400		
Frequency (Hz)	50Hz/ 60Hz		
Rated Output Current (Aa.c.)	7.2/7.6	5.8/6.1	4.3/4.5
Max. Output Current (Aa.c.)	8.9	7.1	5.3
Power factor(adjustable)	-0.8 ~ 0.8		
AC Output (Back-up):			
Nominal Output Power (W)	5000	4000	3000
Normal Voltage (Va.c.)	3L/N/PE 220/230, 380/400		
Frequency (Hz)	50Hz/ 60Hz		
Rated Output Current (Aa.c.)	7.2/7.6	5.8/6.1	4.3/4.5
Max. Output Current (Off-Grid) (Aa.c.)	8.9	7.1	5.3
Max. Output Current (On-Grid) (Aa.c.)	63	63	63
Software version	V1.0.0.0		

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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)
Overvoltage 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)
Overvoltage 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, 90%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-600s 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		

According to Annex H of the standard EN 50549-1, 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.

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