

The following sample(s) was/were submitted and identified on behalf of the client as:

Summary Test Report

Report No.: GZEE230100033231

Applicant: EcoFlow Inc.
Plant A202, Founder Technology Industrial Park, Shiyan Sub-district, Bao'an
District Shenzhen, Guangdong 518000 China

Manufacturer: EcoFlow Inc.

Manufacturing location: Plant A202, Founder Technology Industrial Park, Shiyan Sub-district, Bao'an
District Shenzhen, Guangdong 518000 China

Factory: EcoFlow Innovation Ltd.
Floor 1, Building E-1, Jiehe Industrial City, Shuitian Community, Shiyan Street,
Baoan District, Shenzhen

Testing Laboratory: SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Address: Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang,
Shunde District, Foshan, Guangdong, China

Testing location: Shiye Inspection & Certification (Guangzhou) Co., Ltd.
Room 201, Building 4, No. 8, Tianfeng Road, Lianhe Street, Huangpu, Guangzhou
City, Guangdong Pro., China

The standards: According to client's requirement

Test item description: Local air conditioner (Portable air conditioner)

Trademark:  ECOFLOW,

Model/Type reference: EFKT210

Ratings: 100-240 V~, 50/60 Hz; Cooling capacity: 1500 W; Heating capacity: 1800 W

Test result: See below pages for detail

Remark: None

David Lei

David Lei
Reviewer



Vince Lin

Vince Lin
Project Engineer

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Copy of marking plate:

EcoFlow Wave 2

Portable Air Conditioner/Tragbare Klimaanlage/Climatiseur portable

Model Number/Modellnummer/Numéro de modèle: EFKT210

Cooling Capacity/Kühlleistung/Capacité de refroidissement: 1500W

Heating capacity/Heizleistung/Capacité de chauffage: 1800W

Circulation Air Volume/Umluftvolumen/Volume d'air de circulation: 290m³/h

Refrigerant and Charging quantity/Kältemittel und Füllmenge/Quantité de réfrigérant et de charge: R290/130g

AC input Voltage/Frequency/AC-Eingangsspannung/Frequenz/Fréquence/tension d'entrée CA: 100-240V~ 50/60Hz

Maximum AC input power/Maximale AC-Eingangsleistung/Puissance d'entrée CA maximale: 820W Max

Solar Input /Car Charging Input/Solareingang/Autoladegerät-Eingang/Entrée solaire/entrée chargeur de voiture: 11-60V \equiv 13A Max 400W Max

Maximum XT150 Input Power/XT150 maximale Eingang/XT150 Entrée maximale: 40-60V \equiv 700W Max

Cooling Input Power(AC/DC)/Kühlungseingangsleistung (AC/DC)/Puissance d'entrée de refroidissement(AC/DC):560W/505W


Heating Input Power(AC/DC)/Heizungseingangsleistung (AC/DC)/Puissance d'entrée de chauffage(AC/DC):560W/505W

Allowance Pressure Range(HP/LP)/Zulässiger Druckbereich (HP/LP)/Plage de pression de tolérance(HP/BP): 2.24MPa/0.74MPa

IP Code/IP-Code/Code IP: IPX4


Noise/Lärmpegel/Bruit: 48-56dB


Weight/Gewicht/Poids: 14.5kg



PET




Raccolta plastica






www.ecoflow.com

EcoFlow Inc. Made in China

Safety Functionality Quality

www.tuv.com ID: 0000000000



UK REP

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Contact Dylan Feng

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Contact Dylan Feng

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Doubravice 110, 533 53 Pardubice,

Czech Republic

Summary of testing:

- Test items are according to the requirements of the applicant.
- The test voltage is 230 V~, 50 Hz;
- The follow items were tested:
 - Cooling capacity test
 - Heating capacity test
- The test sample is installed in the enthalpy room according to client's requirements.

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| | |
|---|---------------------------------------|
| Test item particulars | |
| Classification of installation and use..... | Fixed appliance |
| Supply connection..... | Connected with fixed wiring with plug |
| Possible test case verdicts: | |
| - test case does not apply to the test object | N/A |
| - test object does meet the requirement..... | P (Pass) |
| - test object does not meet the requirement..... | F (Fail) |
| Testing | |
| Date of receipt of test item | 2023-01-16 |
| Date (s) of performance of tests..... | 2023-01-16 to 2023-02-03 |
| General product information: | |
| Single duct air-conditioner assembled with a fixed speed motor-compressor 7TD075ZBA61-A (Panasonic Wanbao Appliances compressor (Guangzhou) Co., Ltd.) and the refrigerant is R290. | |

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1 Cooling and heating capacity test:

| Test condition | Cooling condition | Heating condition |
|--|--------------------|--------------------|
| Test Method | Enthalpy test room | Enthalpy test room |
| Tested voltage (V) | 230.33 | 230.32 |
| Tested frequency (Hz) | 50.00 | 50.00 |
| Power input (W) | 543.4 | 581.7 |
| Tested current (A) | 2.622 | 2.780 |
| a) Temperature of air entering indoor side | | |
| Dry Bulb(°C) | 35.00 | 20.01 |
| Wet Bulb(°C) | 24.00 | 12.01 |
| b) Temperature of air entering outdoor side | | |
| Dry Bulb(°C) | — | — |
| Wet Bulb(°C) | — | — |
| c) Temperature of air leaving equipment | | |
| Dry Bulb(°C) | 21.71 | 43.08 |
| Wet Bulb(°C) | 19.60 | 20.84 |
| Airflow(m ³ /h) | 283.5 | 224.9 |
| Barometric Pressure (kPa) | 102.06 | 102.27 |
| Sensible cooling / heating capacity (W) | 1307.8 | 1760.6 |
| Latent cooling / heating capacity (W) | 179.3 | 0 |
| Total cooling / heating capacity (W) | 1487.1 | 1760.6 |

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| Test results: | | |
|--|--|--|
| Cooling capacity and Energy Consumption Measurement Test | | |
| Cooling capacity | Measured total cooling capacity (W): | 1487.1 |
| | Rated cooling capacity (W): | 1500 |
| | Measured total cooling capacity / Rated cooling capacity | 99.1% |
| Cooling power input | Measured effective power input (W): | 543.4 |
| | Rated effective power input (W): | 560 |
| | Measured effective power input / Rated effective power input | 97.0% |
| Measured EER (W/W): | | 2.737 |
| Indicate fan and any other settings for determination of rated capacity: | | Fan speed: the highest speed Grilles are in the position which result in the largest air quantity Compressor frequency: 52Hz |

| Test results: | | |
|--|--|--|
| Heating capacity and Energy Consumption Measurement Test | | |
| Heating capacity | Measured total heating capacity (W): | 1760.6 |
| | Rated heating capacity (W): | 1800 |
| | Measured total heating capacity / Rated heating capacity | 97.8% |
| Heating power input | Measured effective power input (W): | 581.7 |
| | Rated effective power input (W): | 560 |
| | Measured effective power input / Rated effective power input | 103.9% |
| Measured COP (W/W): | | 3.027 |
| Indicate fan and any other settings for determination of rated capacity: | | Fan speed: the highest speed Grilles are in the position which result in the largest air quantity Compressor frequency: 52Hz |

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Appendix photo:

| | |
|---|--|
| General view | General view |
|  |  |
| General view | General view |
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-----End of Report-----