

Our Ref : SQASI/EEST1/03/2024LA0243
Date : 17 April 2024

CASPER ELECTRIC MALAYSIA SDN. BHD.
A-8-3A, EkoCheras Office Tower,
No. 693, Jalan Cheras,
56000 Kuala Lumpur.

(Attn. : Ms. Nurul Asyura)

Dear Sir / Madam,

Assessment on 'Star Rating' for Non-Ducted Single Split Air-conditioner

The above subject refers.

2. The following Test Report has been assessed for MEPS Star Rating according to ST's Guide on Minimum Energy Performance Standard Requirements for Air Conditioner with Cooling Capacity ≤ 7.1 kW (March 2018).

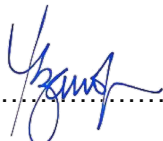
Trademark		: Casper
Model	Indoor	: TC-09IS36-IM
	Outdoor	: TC-09IS36-OM
Report No.		: AHEE240200046451
Ref. Standard		: MS ISO 5151 : 2012 & ISO 16358-1 : 2013
Issued by		: SGS-CSTC Standards Technical Services Co., Ltd. Anhui Branch
Issued date		: 11 March 2024

3. Based on the assessment, the applied product is deem to have **3 Star Rating** and **complied** with the above regulation.

Please refer to attachment for details of assessment and Star Rating calculation according to the Malaysian regulation.

Thank you.

Truthfully yours,



M.ZAMRI BIN MUSTAFFA
Head
Electrical and Electronic 1 Section,
Testing Services Department,
SIRIM QAS International Sdn. Bhd.

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Attachment

SUMMARY OF ASSESSMENT

1. This assessment results shall be read in conjunction with SGS-CSTC Standards Technical Services Co., Ltd. Anhui Branch., CB Test Report No. AHES240200019101 dated 26 March 2024.
2. This evaluation results is based on test data reported in the SGS-CSTC Standards Technical Services Co., Ltd. Anhui Branch Performance Test Report No. AHEE240200046451 dated 11 March 2024.
3. Based on the assessed test report, summary of results is tabulated as below :

No.	Item	Full load	Half load
		Result	
1.	Rated cooling capacity (W)	2640	
2.	Rated power input (W)	1040	
3.	Cooling capacity (W)	2590.3	1332.7
4.	Power input (W)	1078.7	392.9
5.	Cooling Capacity ratio (%)	98.1	
6.	Power Input ratio (%)	103.7	
7.	Cooling Seasonal Total Load, CSTL (kWh)	1899	
8.	Cooling Seasonal Energy Consumption, CSEC (kWh)	497	
9.	Cooling Seasonal Performance Factor, CSPF (Wh/Wh)	3.82	
10.	Star rating	3 Star	
11.	Annual Energy Consumption (kWh)	1199	
12.	Percentage energy saving compared to the lowest 2 stars rating appliances	19 %	
13.	Refrigerant / charge	R32 / 0.36 kg	

Note 1: Data tabulated in above table can be used in the Suruhanjaya Tenaga star rating of the product.

Note 2: SIRIM is not responsible for information provided by the customer which can affect the validity of results.

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4. Based on CSPF of **3.82 Wh/Wh**, the star rating for this air-conditioner is categorized as **3 Star**.

Star Rating	Tested CSPF (Wh/Wh)	
	Rated cooling capacity < 4.5 kW	4.5 kW < Rated cooling capacity ≤ 7.1 kW
5	≥ 5.30	≥ 5.10
4	4.60 ≤ CSPF < 5.30	4.00 ≤ CSPF < 5.10
3	3.30 ≤ CSPF < 4.60	3.10 ≤ CSPF < 4.00
2	3.10 ≤ CSPF < 3.30	2.90 ≤ CSPF < 3.10
1	< 3.10	< 2.90

Note: Minimum Energy Performance Standards (MEPS) is 2 Stars.

5. This assessment and technical evaluation was done by Mohd Fairuz Zainordin – Testing Executive.

