

# PRODUCT PERFORMANCE RATING

Document ID 1694760048-d1-5d701ace

Issued on: 15 September 2023 - Délivré le : 15 septembre 2023

This product is certified by Eurovent Certita Certification as mentioned on:

Ce produit est certifié par Eurovent Certita Certification comme mentionné sur :



## Certificate N° 20.05.002

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Certification programmes / Programmes de certification

Air conditioners

Product type / Type de produit

Air to air, split, reversible ( $\leq 12$  kW)

Model name / Nom du modèle

GWH18ACD-K6DNA1I

Range / Gamme

MONOSPLITS

Participant / Titulaire

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

Brand / Marque

GREE

This performance certificate is delivered for the following project

Project Name	Project company	Project location
<i>Nom du projet</i>	<i>Nom de la société</i>	<i>Localisation du projet</i>
TLC Klima	TLC Klima	Turkey

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FEATURE	VALUE	UNIT
<b>Seasonal Efficiency In Cooling</b>		
Pdesignc (Design Load Cooling)	5.2	kW
SEER (Seasonal Energy Efficiency Ratio)	7.1	
Qce (Annual electricity consumption for cooling)	256	kWh/annum
SEER Class (Seasonal Energy Efficiency Ratio Class)	A++	
<b>Heating Average Climate</b>		
Pdesignh (Design load heating )	4.2	kW
SCOP (Reference SCOP)	4.2	
SCOP Class (Seasonal Coefficient Of Performance Class)	A+	
Qhe (Annual electricity consumption for heating)	1400	kWh/annum
<b>Acoustic</b>		
LW0 env (A-weighted sound level outdoor near the envelope for non ducted units )	65	dB(A)
Lw1 env (A-weighted sound power level indoor unit 1 (non ducted))	60	dB(A)
<b>Standard Cooling/Cooling PL Cond A</b>		
Pc (Total Cooling Capacity)	5.2	kW
Pec (Effective Power Input for Cooling (for chilled water cooled Close Control units only)	1.58	kW
EER (Energy Efficiency Ratio)	3.3	
<b>Cooling PL CondB</b>		
Pc @ 30°C (Declared Cooling Capacity @ 30°C)	3.8	kW
EER @ 30°C (Declared Energy Efficiency @ 30°C )	5.05	
<b>Cooling PL CondC</b>		
Pc @ 25°C (Declared Cooling Capacity @ 25°C)	2.44	kW
EER @ 25°C (Declared Energy Efficiency @ 25°C)	8.35	
<b>Cooling PL CondD</b>		
Pc @ 20°C (Declared Cooling Capacity @ 20°C)	1.04	kW
EER @ 20°C (Declared Energy Efficiency @ 20°C )	13.3	
<b>Heating PL CondA</b>		
Ph @ -7°C (Declared Heating Capacity @ -7°C)	3.7	kW
COP @ -7°C (Declared Coefficient Of Performances @ -7°C)	2.6	
<b>Heating PL CondB</b>		

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FEATURE	VALUE	UNIT
<b>Heating PL CondB</b>		
Ph @ +2°C (Declared Heating Capacity @ +2°C)	2.25	kW
COP @ 2°C (Declared Coefficient Of Performances @ 2°C)	4.2	
<b>Heating PL CondC</b>		
Ph @ +7°C (Declared Heating Capacity @ +7°C)	1.44	kW
COP @ +7°C (Declared Coefficient Of Performances @ +7°C)	5.46	
<b>Heating PL CondD</b>		
Ph @ +12°C (Declared Heating Capacity @ +12°C)	1.2	kW
COP @ +12°C (Declared Coefficient Of Performances @ +12°C)	6.7	
<b>Bivalent Point</b>		
Tbiv (Bivalent Temperature)	-7	°C
Ph TBiv (Heating capacity at bivalent temperature)	3.7	kW
COP @ Tbiv (Declared coefficient of performances at bivalent temperature condition)	2.6	
<b>TOL Runing Test</b>		
TOL (Operating LimitTemperature )	-10	°C
Ph E (Declared Heating Capacity @ TOL)	3.6	kW
COP E (Declared Coefficient Of Performances @ TOL)	2.25	
<b>Poffc</b>		
Poff (Power consumption in off mode)	2.5	W
<b>Psbc</b>		
Psb (Power consumption in standby mode cooling (Paux, cooling))	2.5	W
<b>Ptoc</b>		
Pto (Power consumption in thermostat off mode)	6.5	W
<b>Ptoh</b>		
Ptoh (Power consumption in thermostat off mode in heating mode)	12	W
<b>General</b>		
Refrigerant	R32	
Main Power Supply (Voltage (V) - Phase - Frequency (Hz))	230-1-50	
Mounting (Mounting Type)	Wall mounted	
Factory Refrigerant Charge (Factory refrigerant charge)	0.82	kg

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FEATURE	VALUE	UNIT
General		
Inverter ( <i>Inverter (True/False)</i> )	true	
Eligible CEE		
Eligible CEE ( <i>this item provide information if the unit is eligible to the certificat d'economie d'energie</i> )	true	

## Air Conditioners / Climatiseurs / Comfort Air Conditioners below 12kW / Climatiseurs de moins de 12kW

Granted on May 14, 2020 - Date 1ère admission 14 mai 2020

This document is valid at the date of issue - Check the current validity on:  
Document valable à la date d'émission - Vérifier la validité en cours sur :  
[www.eurovent-certification.com](http://www.eurovent-certification.com)

### Participant/Titulaire

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED  
UNIT 2612, 26/F MIRAMAR TOWER, 132 NATHAN ROAD - TSIM SHA TSUI KOWLOON  
999077 KOWLOON, Hong Kong

This product performance certificate is issued by Eurovent Certita Certification according to the certification rules:

#### ECP AC - « Air Conditioners » in force at established date.

Pursuant to the decision notified by Eurovent Certita Certification, the right to use the mark ECP shall be granted to the beneficiary company for all products inside the defined scope according to "certify-all" principle and in the conditions defined by the certification program mentioned.

Unless withdrawn or suspended, this certificate remains valid as long as the requirements for the certification program framework are met. The validity of the certificate is to be verified on [www.eurovent-certification.com](http://www.eurovent-certification.com)

THIS CERTIFICATE HAS BEEN ISSUED ON 03/11/2022  
THIS CERTIFICATE IS VALID UNTIL 31/10/2023

Ce certificat de performance produit est délivré par Eurovent Certita Certification dans les conditions fixées par le référentiel :

#### ECP AC - « Climatiseurs » en vigueur à date d'édition.

En vertu de la décision notifiée par Eurovent Certita Certification, le droit d'usage de la marque ECP, est accordé à la société qui en est bénéficiaire pour les tous les produits entrant dans le champ d'application défini selon le principe "certify-all" et dans les conditions définies par le programme de certification mentionné.

Sauf retrait ou suspension, ce certificat demeure valide tant que les conditions du référentiel du programme de certification sont respectées. La validité du certificat est à vérifier sur le site Internet [www.eurovent-certification.com](http://www.eurovent-certification.com)

CE CERTIFICAT A ÉTÉ EMIS LE 03/11/2022  
CE CERTIFICAT EST VALIDE JUSQU'AU 31/10/2023



Organisme accrédité n° 5-0517 Certification Produits et Services selon la norme NF EN ISO/CEI 17065:2012  
Portée disponible sur [www.cofrac.fr](http://www.cofrac.fr)

Accreditation #5-0517 Products and Services Certification according to NF EN ISO/CEI 17065:2012 -  
Scope available on [www.cofrac.fr](http://www.cofrac.fr)

COFRAC est signataire des accords MLA d'EA et MLA d'IAF, COFRAC is signatory of EA MLA and IAF MLA, list of EA members is available on [www.european-accreditation.org/ea-members](http://www.european-accreditation.org/ea-members) list of IAF members is available on [www.iaf.nu/articles/IAF\\_MEMBERS\\_SIGNATORIES/4](http://www.iaf.nu/articles/IAF_MEMBERS_SIGNATORIES/4)

Paris, 3 novembre 2022

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE



## Appendix / Annexe

Granted on May 14, 2020 - *Date 1ère admission 14 mai 2020*

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*Document valable à la date d'émission - Vérifier la validité en cours sur :*  
[www.eurovent-certification.com](http://www.eurovent-certification.com)

List of certified products and characteristics is displayed on:  
*La liste des références et caractéristiques certifiées est disponible sur le site :*  
[www.eurovent-certification.com](http://www.eurovent-certification.com)

This product performance certificate is valid for the following trade names:  
*Ce certificat de performance produit est valide pour les marques commerciales suivantes:*  
[Trade Name / Marque Commerciale](#)

GREE

This product performance certificate is valid for the following manufacturing places:  
*Ce certificat de performance produit est valide pour les sites de production suivants:*  
[Manufacturing Place / Site de Production](#)

Not applicable for this certification programme / Non applicable pour ce programme de certification

This product performance certificate is valid for the following software:  
*Ce certificat de performance produit est valide pour les logiciels de sélection suivants:*  
[Software / Logiciel de sélection](#)

Not applicable for this certification programme / Non applicable pour ce programme de certification