

Technical Specifications

Split-type Inverter

Sr No	Parameter		Unit	
1	Model		--	GWH12AKC-K6DNA1A 顶<WIFI>
2	Product Code		--	CB340000200
3	Power Supply	Rated Voltage	V~	220-240
4		Rated Frequency	Hz	50
5		Phases	--	1
6	Power Supply Mode		--	Outdoor
7	Cross-sectional Area of Power Cable Conductor		mm ²	1
8	Recommended Power Cable(Core)		N	3
9	Min/Max. Voltage		V	198/264
10	Cooling Capacity		W	3530
11	Cooling Capacity		Btu/h	12044.36
12	Min. Cooling Capacity		W	220
13	Min. Cooling Capacity		Btu/h	751
14	Max. Cooling Capacity		W	4600
15	Max. Cooling Capacity		Btu/h	15695
16	Pdesignc		kW	3. 5
17	Heating Capacity		W	4200
18	Heating Capacity		Btu/h	14330. 4
19	Min. Heating Capacity		W	800
20	Min. Heating Capacity		Btu/h	2730
21	Max. Heating Capacity		W	5200
22	Max. Heating Capacity		Btu/h	17742
23	Pdesignh(Average)		kW	3. 2
24	Pdesignh(Warmer)		kW	3. 6
25	Pdesignh(Colder)		kW	4. 5
26	Cooling Power Input		W	802
27	Min. Cooling Power Input		W	130
28	Max. Cooling Power Input		W	1400
29	Heating Power Input		W	934
30	Min. Heating Power Input		W	130
31	Max. Heating Power Input		W	1650
32	Cooling Current		A	3. 55
33	Heating Current		A	4. 23
34	Rated Input		W	1650
35	Rated Current		A	6. 22
36	Rated Heating Current		A	7. 5
37	Max. Over Current Protection		A	/
38	Min. Current (MCA)		A	/
39	Starting Current		A	/
40	EER		W/W	4. 40
41	EER		(Btu/h)/w	15. 02
42	COP		W/W	4. 50
43	COP		(Btu/h)/w	15. 34
44	R		--	/
45	SEER		--	9
46	HSPF		--	
47	SCOP(Average)		--	5. 1
48	SCOP(Warmer)		--	6. 2
49	SCOP(Colder)		--	4
	AEER			

	ACOP			
50	APF		W/W	
51	Energy Class		--	制冷A+++; 制热A+++ (A) / A+++ (W) / A+++ (G)
52	Air Flow Volume		m ³ /h	800/700/550/400/300/ 270
53	Air Flow Volume		CFM	471/412/324/294/235/177/ 159
54	Dehumidifying Volume		L/h	1.40
55	Dehumidifying Volume		PINT/D	2.96
56	Application Area		m ²	16-24
57	Indoor Unit	Indoor Unit Model	--	GWH12AKC-K6DNA1A/I 顶<WIFI><四面扫风><人感>
58		Fan Type	--	Cross-flow
59		Fan Diameter Length(D×L)	mm	Φ120×650
60		Fan Diameter Length(D×L)	inch	Φ4 46/64×25 38/64
61		Cooling Speed	r/min	1300/1100/1000/900/750/600/550/450
62		Heating Speed	r/min	1300/1100/1000/900/800/750/650
63		Fan Motor Power Output	W	20
64		Fan Motor RLA	A	—
65		Fan Motor Capacitor	μF	/
66		Heater Power Input	W	/
67		Evaporator Form	--	Aluminum Fin-copper Tube
68		Evaporator Pipe Diameter	mm	φ5
69		Evaporator Pipe Diameter	inch	5
70		Evaporator Row-fin Gap	mm	4-1.4
71		Evaporator Row-fin Gap	inch	5/32-5/100
72		Evaporator Coil Length (L×D×W)	mm	651×59.5×365
73		Evaporator Coil Length (L×D×W)	inch	25 5/8×2 1/4×14 3/8
74		Swing Motor Model	--	MP24AM/MP35CN /MP20AC
75		Swing Motor Power Output	W	1.5/2.5/1.5
76		Fuse Current	A	5
77		Set Temperature Range	℃	制冷: 16~30 制热: 8~30
78		Set Temperature Range	°F	制冷: 61~86 制热: 46~86
79		Sound Pressure Level	dB (A)	44/39/37/34/29/23/22
80		Sound Power Level	dB (A)	59
81		Dimension (W×H×D)	mm	977×281×295
82		Dimension (W×H×D)	inch	38 30/64×11 4/64×11 20/64
83		Dimension of Carton Box (L×W×H)	mm	1083×373×387
84		Dimension of Carton Box (L×W×H)	inch	42 41/64×14 44/64×15 15/64
85		Dimension of Package(L×W×H)	mm	1086×376×402
86		Dimension of Package(L×W×H)	inch	42 48/64×14 51/64×15 52/64
87		Stacked Layers	—	6
88		Net Weight	kg	17
89		Net Weight	lb	37.5
90		Gross Weight	kg	21.5
91		Gross Weight	lb	47.4

92	Outdoor Unit	Outdoor Unit Model	--	GWH12AKC-K6DNA1A/O 顶<LCH><白清洁>
93		Compressor Trademark		GREE
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO., LTD
95		Compressor Model	--	QXF-B103zF190A
96		Compressor Oil	--	FW68DA
97		Compressor Type	--	Rotary
98		Compressor LRA.	A	25
99		Compressor RLA	A	4
100		Compressor Power Input	W	800
101		Compressor Overload Protector	--	HPC115/95U1/KSD115℃
102		Fan Type	--	Axial-flow
103		Fan Diameter	mm	438
104		Fan Diameter	inch	17.24
105		Fan Motor Speed	rpm	900
106		Fan Motor Power Output	W	30
107		Fan Motor RLA	A	0.37
108		Fan Motor Capacitor	μF	/
109		Outdoor Unit Air Flow Volume	m³/h	2400
110		Condenser Form	--	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	φ 7.94
112		Condenser Pipe Diameter	inch	0.313
113		Condenser Rows-fin Gap	mm	2.5-1.4
114		Condenser Rows-fin Gap	inch	2.5-5/948
115		Condenser Coil Length (L×D×W)	mm	733×57×550
116		Condenser Coil Length (L×D×W)	inch	28 6/7×2 1/4×21 2/3
117		Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
118		Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
119		Maximum Allowable Pressure	MPa	4.3
120		Cooling Operation Ambient Temperature Range	℃	-15~52
121		Cooling Operation Ambient Temperature Range	℉	-5~126
122		Heating Operation Ambient Temperature Range	℃	-25~24
123		Heating Operation Ambient Temperature Range	℉	-13~75
124		Throttling Method	--	Electron expansion valve
125		Defrosting Method	--	Automatic Defrosting
126		Climate Type	--	T1
127		Climate Zone	--	Subtropical Zone
128		Isolation	--	I
129		Moisture Protection	--	IPX4
130		Sound Pressure Level	dB (A)	54
131		Sound Power Level	dB (A)	62
132		Dimension (W×H×D)	mm	899×596×378
133		Dimension (W×H×D)	inch	35.394×23.465×14.882
134		Dimension of Carton Box (L×W×H)	mm	945×417×630
135		Dimension of Carton Box (L×W×H)	inch	37.205×16.417×24.803
136		Dimension of Package(L×W×H)	mm	948×420×645
137		Dimension of Package(L×W×H)	inch	37.323×16.535×25.394
138		Stacked Layers	--	4
139		Net Weight	kg	37.5

140		Net Weight	lb	82.7
141		Gross Weight	kg	40.5
142		Gross Weight	lb	89.3
143		Refrigerant	--	R32
144		Refrigerant Charge	kg	1.0
145		Refrigerant Charge	oz	35.3
146	Connection Pipe	Length	m	5
147		Length	ft	16.4
148		Gas Additional Charge	g/m	16
149		Gas Additional Charge	oz/ft.	0.2
150		Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ 6
151		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"
152		Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ 9.52
153		Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"
154		Max Distance Height	m	10
155		Max Distance Height	ft	32.8
156		Max Distance Length	m	20
157		Max Distance Length	ft	65.6
158	Loading Quantity	Loading Quantity (20' Container)	unit	66
159		Loading Quantity (40' Container)	unit	139
160		Loading Quantity (40' High Cube Container)	unit	158
161	Cassette Panel	Panel Outline Dimension (W×H×D)	mm	× ×
162		Panel Outline Dimension (W×H×D)	inch	× ×
163		Panel Dimension of Carton Box(L×W×H)	mm	× ×
164		Panel Dimension of Carton Box(L×W×H)	inch	× ×
165		Panel Package Dimension(L×W×H)	mm	× ×
166		Panel Package Dimension(L×W×H)	inch	× ×
167		Panel Net Weight	kg	
168		Panel Net Weight	lb	0.0
169		Panel Gross Weight	kg	
170		Panel Gross Weight	lb	0.0

Air Condition Function				
171	Function	Automatic Operation		YES
172		Cooling		YES
173		Heating		YES
174		Dehumidify		YES
175		Fan		YES
176		Sleep Mode		Three kinds of sleep curve
177		Auto Swing(Vertical Auto Swing)		YES
178		Auto Swing(Horizontal Auto Swing)		YES
179		Auto Fan		YES
180		Quiet		YES
181		I Feel		NO
182		Anion		NO
183		Cold Plasma		NO
184		Intelligent Preheating		YES
185		Fresh Air		NO
186		Dry Anti-Mildew Design		YES
187		Several Optional Filters (eg: Active Carbon)		Optional
188		Auto Clean		YES
189		Timer		YES
190		Auto Restart		YES
191		Turbo		YES
192		Clock		NO
193		Temperature		NO
194		Soft Start		YES
195		Self Diagnosis		YES
196		Lock		YES
197		CO Detection		NO
198		CO ₂ Detection		NO
199		Filter Dirty Alarm		NO
200		Intelligent Open-Close Panel		NO
201		Compressor Electric Heater Function		YES
202		Chassis Electric Heater Function		YES
203		Quick Connector		NO
204		LCD (No Back Light)		NO
205		LCD (Back Light)		YES
206		LED		YES
207		Intelligent Defrosting		YES
208		Force Defrosting		YES
209		Auxiliary Electrical Heater		NO
210		Energy Saving		NO
211		8℃ Heating Mode		NO
212		Turbo Cooling		YES
213		High-Voltage Electrostatic Dedust		NO
214		Low Ambient Cooling		YES
215		Low Ambient Heating		YES
216		Low Voltage Startup		YES
217		Standby		YES
218		Multi Speeds		