

Technical Specifications

Split-type Inverter

Sr No	Parameter		Unit	Value	Value
1	Model		--	GWH09AEC-K6DNA1A 顶 <small><WIFI>冷等离了,四面扫风,7排</small>	GWH12AEC-K6DNA1A 顶 <small><WIFI>冷等离了,四面扫风,冷等离了</small>
2	Product Code		--	CB370000300	CB370000400
3	Power Supply	Rated Voltage	V~	220-240	220-240
4		Rated Frequency	Hz	50	50
5		Phases	--	1	1
6	Power Supply Mode		--	Outdoor	Outdoor
7	Cross-sectional Area of Power Cable Conductor		mm2	1.00	1.50
8	Recommended Power Cable(Core)		N	3	3
9	Min/Max. Voltage		V	198~264	198~264
10	Cooling Capacity		W	2700	3500
11	Cooling Capacity		Btu/h	9212	11942
12	Min. Cooling Capacity		W	200	200
13	Min. Cooling Capacity		Btu/h	682.4	682.4
14	Max. Cooling Capacity		W	4100	4500
15	Max. Cooling Capacity		Btu/h	13989.2	15354
16	Pdesignc		kW	2.788.275	3.588.275
17	Heating Capacity		W	3200	3810
18	Heating Capacity		Btu/h	10918.4	12999.72
19	Min. Heating Capacity		W	900	1000
20	Min. Heating Capacity		Btu/h	3070.8	3412
21	Max. Heating Capacity		W	4700	4800
22	Max. Heating Capacity		Btu/h	16036.4	16377.6
23	Pdesignh(Average)		kW	3.00	3.20
24	Pdesignh(Warmer)		kW	2.90	3.50

25	Pdesignh(Colder)	kW	3.60	4.50
26	Cooling Power Input	W	600	875
27	Min. Cooling Power Input	W	140	140
28	Max. Cooling Power Input	W	1400	1400
29	Heating Power Input	W	715	952
30	Min. Heating Power Input	W	180	180
31	Max. Heating Power Input	W	1650	1650
32	Cooling Current	A	2.8	4
33	Heating Current	A	3.3	4.3
34	Rated Input	W	1650	1650
35	Rated Current	A	6.4	6.8
36	Rated Heating Current	A	6.5	7.5
37	Max. Over Current Protection	A	16	16
38	Min. Current(MCA)	A	/	/
39	Starting Current	A	5	5
40	EER	W/W	4.50	4.00
41	EER	(Btu/h)/w	15.35	13.65
42	COP	W/W	4.48	4.00
43	COP	(Btu/h)/w	15.27	13.66
44	R	--	/	/
45	SEER	--	8.50	8.50
46	HSPF	--	/	/
47	SCOP(Average)	--	4.60	4.60
48	SCOP(Warmer)	--	5.50	5.50
49	SCOP(Colder)	--	3.80	3.50
	AEER		/	/
	ACOP		/	/

50	APF	W/W	/150	/150	
51	Energy Class	--	A+++ (cooling)/A++ (Average) (A+++ (warmer)/A (colder))	A+++ (cooling)/A++ (Average) (A+++ (warmer)/A (colder))	
52	Air Flow Volume	m3/h	735/600/550/490/470/360/200	750/650/600/510/470/360/200	
53	Air Flow Volume	CFM	432.548/353.1/323.675/288. 365/276.595/211.86/117.7	441.375/382.525/353.1/300. 135/276.595/211.86/117.7	
54	Dehumidifying Volume	L/h	0.8	1.4	
55	Dehumidifying Volume	PINT/D	1.69	2.96	
56	Application Area	m2	12-18	16-24	
57	Indoor Unit	Indoor Unit Model	--	GWH09AEC-K6DNA1A/I 顶 冷等离了,四面扫风,7档	GWH12AEC-K6DNA1A/I 顶 冷等离了,四面扫风,7档
58		Fan Type	--	Cross-flow	Cross-flow
59		Fan Diameter Length(D×L)	mm	Φ98×633	Φ98×633
60		Fan Diameter Length(D×L)	inch	Φ3 6/7×25	Φ3 6/7×25
61		Cooling Speed	r/min	1300/1150/1050/950/800/600/5 50/500	1350/1200/1100/1000/850/600/ 550/500
62		Heating Speed	r/min	1300/1150/1050/950/900/800/7 50	1350/1200/1120/1050/950/800/ 750
63		Fan Motor Power Output	W	10	10
64		Fan Motor RLA	A	0.09	0.09
65		Fan Motor Capacitor	μF	/	/
66		Heater Power Input	W	/	/
67		Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
68		Evaporator Pipe Diameter	mm	Φ5	Φ5
69		Evaporator Pipe Diameter	inch	1/5	1/5
70		Evaporator Row-fin Gap	mm	2-1.4	2-1.4
71		Evaporator Row-fin Gap	inch	2-1/18	2-1/18
72		Evaporator Coil Length (L×D×W)	mm	634×22.8×304.8	634×22.8×304.8
73		Evaporator Coil Length (L×D×W)	inch	/	/
74		Swing Motor Model	--	MP35CN/MP30AS/MP20AC	MP35CN/MP30AS/MP20AC
75	Swing Motor Power Output	W	1.5	1.5	
76	Fuse Current	A	3.15	3.15	

77	Set Temperature Range	°C	16~30	16~30
78	Set Temperature Range	°F	61~86	61~86
79	Sound Pressure Level	dB (A)	43/39/36/33/28/22/21	43/39/36/33/28/22/21
80	Sound Power Level	dB (A)	57/53/50/47/42/36/35	58/53/50/47/42/36/35
81	Dimension (W×H×D)	mm	945×293×225	945×293×225
82	Dimension (W×H×D)	inch	37.205×11.535×8.858	37.205×11.535×8.858
83	Dimension of Carton Box (L×W×H)	mm	1032×381×310	1032×381×310
84	Dimension of Carton Box (L×W×H)	inch	40.63×15×12.205	40.63×15×12.205
85	Dimension of Package(L×W×H)	mm	1035×384×325	1035×384×325
86	Dimension of Package(L×W×H)	inch	40.748×15.118×12.795	40.748×15.118×12.795
87	Stacked Layers	—	8	8
88	Net Weight	kg	14	14
89	Net Weight	lb	30.87	30.87
90	Gross Weight	kg	17	17
91	Gross Weight	lb	37.485	37.485
92	Outdoor Unit Model	--	GWH09AEC-K6DNA1A/O 顶 <LCLH>	GWH12AEC-K6DNA1A/O 顶 <LCLH>
93	Compressor Trademark		GREE	GREE
94	Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO., LTD	ZHUHAI LANDA COMPRESSOR CO., LTD
95	Compressor Model	--	QXF-A102zE190C	QXF-A102zE190C
96	Compressor Oil	--	FW68DA	FW68DA
97	Compressor Type	--	Rotary	Rotary
98	Compressor LRA.	A	20	20
99	Compressor RLA	A	7.9	7.9
100	Compressor Power Input	W	1230	1230
101	Compressor Overload Protector	--	/	/

102	Fan Type	--	Axial-flow	Axial-flow
103	Fan Diameter	mm	438	438
104	Fan Diameter	inch	17.24	17.24
105	Fan Motor Speed	rpm	900	900
106	Fan Motor Power Output	W	30	30
107	Fan Motor RLA	A	0.36	0.36
108	Fan Motor Capacitor	μF	/	/
109	Outdoor Unit Air Flow Volume	m ³ /h	2200	2200
110	Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
111	Condenser Pipe Diameter	mm	φ7	φ7.94
112	Condenser Pipe Diameter	inch	φ2/7	0.313
113	Condenser Rows-fin Gap	mm	2-1.4	2-1.4
114	Condenser Rows-fin Gap	inch	2-1/18	2-7/127
115	Condenser Coil Length (L×D×W)	mm	742×38.1×550	734×38.1×550
116	Condenser Coil Length (L×D×W)	inch	28 8/9×1 1/2×21 2/3	28 9/10×1 1/2×21 2/3
117	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3
118	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5
119	Maximum Allowable Pressure	MPa	4.3	4.3
120	Cooling Operation Ambient Temperature Range	°C	-15~43	-15~43
121	Cooling Operation Ambient Temperature Range	°F	5~109	5~109
122	Heating Operation Ambient Temperature Range	°C	-22~24	-22~24
123	Heating Operation Ambient Temperature Range	°F	-4~75	-4~75
124	Throttling Method	--	Electron expansion valve	Electron expansion valve
125	Defrosting Method	--	Automatic Defrosting	Automatic Defrosting

Outdoor Unit

126	Climate Type	--	T1	T1
127	Climate Zone	--	温带	温带
128	Isolation	--	I	I
129	Moisture Protection	--	IPX4	IPX4
130	Sound Pressure Level	dB (A)	52	52
131	Sound Power Level	dB (A)	62	62
132	Dimension (W×H×D)	mm	848×596×320	848×596×320
133	Dimension (W×H×D)	inch	33.386×23.465×12.598	33.386×23.465×12.598
134	Dimension of Carton Box (L×W×H)	mm	878×360×630	878×360×630
135	Dimension of Carton Box (L×W×H)	inch	34.567×14.173×24.803	34.567×14.173×24.803
136	Dimension of Package(L×W×H)	mm	881×363×645	881×363×645
137	Dimension of Package(L×W×H)	inch	34.685×14.291×25.394	34.685×14.291×25.394
138	Stacked Layers	--	4	4
139	Net Weight	kg	33.5	33.5
140	Net Weight	lb	73.9	73.9
141	Gross Weight	kg	36.5	36.5
142	Gross Weight	lb	80.5	80.5
143	Refrigerant	--	R32	R32
144	Refrigerant Charge	kg	0.7	0.8
145	Refrigerant Charge	oz	24.7	28.2
146	Length	m	5	5
147	Length	ft	16.4	16.4
148	Gas Additional Charge	g/m	16	16
149	Gas Additional Charge	oz/ft.	0.2	0.2
150	Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ6	φ6

151	Connection Pipe	Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"	1/4"
152		Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ9.52	φ9.52
153		Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"	3/8"
154		Max Distance Height	m	10	10
155		Max Distance Height	ft	32.8	32.8
156		Max Distance Length	m	15	15
157		Max Distance Length	ft	49.2	49.2
158		Loading Quantity	Loading Quantity (20' Container)	unit	83
159	Loading Quantity (40' Container)		unit	174	174
160	Loading Quantity (40' High Cube Container)		unit	200	200
161	Cassette Panel	Panel Outline Dimension (W×H×D)	mm	× ×	× ×
162		Panel Outline Dimension (W×H×D)	inch	0×0×0	0×0×0
163		Panel Dimension of Carton Box(L×W×H)	mm	× ×	× ×
164		Panel Dimension of Carton Box(L×W×H)	inch	0×0×0	0×0×0
165		Panel Package Dimension(L×W×H)	mm	3×3×15	3×3×15
166		Panel Package Dimension(L×W×H)	inch	0.118×0.118×0.591	0.118×0.118×0.591
167		Panel Net Weight	kg		
168		Panel Net Weight	lb	0	0
169		Panel Gross Weight	kg	/	/
170		Panel Gross Weight	lb	/	/
Air Condition Function					
171		Automatic Operation		YES	YES
172		Cooling		YES	YES

173	Heating		YES	YES
174	Dehumidify		YES	YES
175	Fan		YES	YES
176	Sleep Mode		YES	YES
177	Auto Swing(Vertical Auto Swing)		YES	YES
178	Auto Swing(Horizontal Auto Swing)		YES	YES
179	Auto Fan		YES	YES
180	Quiet		YES	YES
181	I Feel		YES	YES
182	Anion		NO	NO
183	Cold Plasma		YES	YES
184	Intelligent Preheating		YES	YES
185	Fresh Air		NO	NO
186	Dry Anti-Mildew Design		YES	YES
187	Several Optional Filters (eg : Active Carbon)		Optional	Optional
188	Auto Clean		NO	NO
189	Timer		YES	YES
190	Auto Restart		YES	YES
191	Turbo		YES	YES
192	Clock		YES	YES
193	Temperature		YES	YES
194	Soft Start		YES	YES
195	Self Diagnosis		YES	YES
196	Lock		YES	YES
197	CO Detection		NO	NO

Function

198	CO2 Detection		NO	NO
199	Filter Dirty Alarm		NO	NO
200	Intelligent Open-Close Panel		NO	NO
201	Compressor Electric Heater Function		NO	NO
202	Chassis Electric Heater Function		YES	YES
203	Quick Connector		NO	NO
204	LCD (No Back Light)		NO	NO
205	LCD (Back Light)		YES	YES
206	LED		YES	YES
207	Intelligent Defrosting		YES	YES
208	Force Defrosting		YES	YES
209	Auxiliary Electrical Heater		NO	NO
210	Energy Saving		YES	YES
211	8°C Heating Mode		YES	YES
212	Turbo Cooling		YES	YES
213	High-Voltage Electrostatic Dedust		NO	NO
214	Low Ambient Cooling		YES	YES
215	Low Ambient Heating		YES	YES
216	Low Voltage Startup		YES	YES
217	Standby		NO	NO
218	Multi Speeds			

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