

### Technical Specifications

#### Split-type Inverter

Sr No	Parameter	Unit	Value
1	Model	--	GWH09ALA-K6DNA2A (WIFI)
2	Product Code	--	CB532000400
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 <sup>2</sup>	1
8	Recommended Power Cable(Core)	N	3
9	Min/Max. Voltage	V	198~264
10	Cooling Capacity	W	2500
11	Cooling Capacity	Btu/h	8530
12	Min. Cooling Capacity	W	500
13	Min. Cooling Capacity	Btu/h	1706
14	Max. Cooling Capacity	W	3250
15	Max. Cooling Capacity	Btu/h	11089
16	Pdesignc	kW	2.5
17	Heating Capacity	W	2800
18	Heating Capacity	Btu/h	9554
19	Min. Heating Capacity	W	500
20	Min. Heating Capacity	Btu/h	1706
21	Max. Heating Capacity	W	3500
22	Max. Heating Capacity	Btu/h	11942
23	Pdesignh(Average)	kW	2.5
24	Pdesignh(Warmer)	kW	2.6
25	Pdesignh(Colder)	kW	/
26	Cooling Power Input	W	720
27	Min. Cooling Power Input	W	150
28	Max. Cooling Power Input	W	1300
29	Heating Power Input	W	750
30	Min. Heating Power Input	W	140
31	Max. Heating Power Input	W	1500
32	Cooling Current	A	3.2
33	Heating Current	A	3.2
34	Rated Input	W	1500
35	Rated Current	A	6
36	Rated Heating Current	A	7.5
37	Max. Over Current Protection	A	7.5
38	Min. Current (MCA)	A	/
39	Starting Current	A	/
40	EER	W/W	3.47
41	EER	(Btu/h)/w	/
42	COP	W/W	3.73
43	COP	(Btu/h)/w	/
44	R	--	/
45	SEER	--	6.5
46	HSPF	--	/
47	SCOP(Average)	--	4.0
48	SCOP(Warmer)	--	5.1

49	SCOP(Colder)	--	/	
	AEER		/	
	ACOP		/	
50	APF	W/W	/	
51	Energy Class	--	A++<Cooling>/A+<Average>/A+++<Warmer>	
52	Air Flow Volume	m <sup>3</sup> /h	500/470/390/270	
53	Air Flow Volume	CFM	294/277/230/159	
54	Dehumidifying Volume	L/h	0.60	
55	Dehumidifying Volume	PINT/D	1.27	
56	Application Area	m <sup>2</sup>	10-16	
57	Indoor Unit	Indoor Unit Model	-- GWH09ALA-K6DNA2A/I	
58		Fan Type	-- Cross-flow	
59		Fan Diameter Length(D×L)	mm φ93×505	
60		Fan Diameter Length(D×L)	inch	
61		Cooling Speed	r/min	1300/1200/1050/750
62		Heating Speed	r/min	1300/1200/1050/800
63		Fan Motor Power Output	W	20
64		Fan Motor RLA	A	0.22
65		Fan Motor Capacitor	μF	1
66		Heater Power Input	W	/
67		Evaporator Form	--	Aluminum Fin-copper Tube
68		Evaporator Pipe Diameter	mm	φ5
69		Evaporator Pipe Diameter	inch	
70		Evaporator Row-fin Gap	mm	2-1.4
71		Evaporator Row-fin Gap	inch	
72		Evaporator Coil Length (L×D×W)	mm	509×22.8×266.7
73		Evaporator Coil Length (L×D×W)	inch	
74		Swing Motor Model	--	MP24AN
75		Swing Motor Power Output	W	1.5
76		Fuse Current	A	3.15
77		Set Temperature Range	°C	16~30
78		Set Temperature Range	°F	61~86
79		Sound Pressure Level	dB (A)	38/36/32/25
80		Sound Power Level	dB (A)	55/48/44/35
81		Dimension (W×H×D)	mm	696×251×190
82		Dimension (W×H×D)	inch	27.3819×10.0000×7.4803
83		Dimension of Carton Box (L×W×H)	mm	742×308×251
84		Dimension of Carton Box (L×W×H)	inch	29.2126×12.1260×10.0000
85		Dimension of Package(L×W×H)	mm	747×324×262
86		Dimension of Package(L×W×H)	inch	29.4134×12.7560×10.3150
87		Stacked Layers	--	8
88	Net Weight	kg	7.5	
89	Net Weight	lb	16.5	
90	Gross Weight	kg	9	
91	Gross Weight	lb	19.8	

92	Outdoor Unit	Outdoor Unit Model	--	GWH09AGA-K6DNA1A/O
93		Compressor Trademark		GREE
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO.,
95		Compressor Model	--	FTz-AN075ACBF-A
96		Compressor Oil	--	FW68DA
97		Compressor Type	--	Rotary
98		Compressor LRA.	A	/
99		Compressor RLA	A	3.00
100		Compressor Power Input	W	633
101		Compressor Overload Protector	--	/
102		Fan Type	--	Axial-flow
103		Fan Diameter	mm	400
104		Fan Diameter	inch	
105		Fan Motor Speed	rpm	900
106		Fan Motor Power Output	W	30
107		Fan Motor RLA	A	0.40
108		Fan Motor Capacitor	μF	/
109		Outdoor Unit Air Flow Volume	m <sup>3</sup> /h	1950
110		Condenser Form	--	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	φ7
112		Condenser Pipe Diameter	inch	
113		Condenser Rows-fin Gap	mm	1-1.4
114		Condenser Rows-fin Gap	inch	
115		Condenser Coil Length (L×D×W)	mm	700×19.05×528
116		Condenser Coil Length (L×D×W)	inch	
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	°C	-15~43
121		Cooling Operation Ambient Temperature Range	°F	5~109
122		Heating Operation Ambient Temperature Range	°C	-15~24
123		Heating Operation Ambient Temperature Range	°F	5~75
124		Throttling Method	--	Capillary
125		Defrosting Method	--	Automatic Defrosting
126		Climate Type	--	T1
127		Climate Zone	--	Temperate Zone
128		Isolation	--	I
129		Moisture Protection	--	IPX4
130		Sound Pressure Level	dB (A)	51
131	Sound Power Level	dB (A)	62	
132	Dimension (W×H×D)	mm	732×550×330	
133	Dimension (W×H×D)	inch	28 5/16×21 4/16×12 63/64	
134	Dimension of Carton Box (L×W×H)	mm	789×390×600	
135	Dimension of Carton Box (L×W×H)	inch	31 4/16×15 23/64×23 10/64	
136	Dimension of Package(L×W×H)	mm	792×393×615	
137	Dimension of Package(L×W×H)	inch	31 12/64×15 30/64×24 14/64	
138	Stacked Layers	--	5	
139	Net Weight	kg	25	

140		Net Weight	lb	55.1
141		Gross Weight	kg	27.5
142		Gross Weight	lb	60.6
143		Refrigerant	--	R32
144		Refrigerant Charge	kg	0.5
145		Refrigerant Charge	oz	17.6
146	<b>Connection Pipe</b>	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	φ6
151		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"
152		Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ9.52
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	15
157	Max Distance Length	ft	49.2	
158	<b>Loading Quantity</b>	Loading Quantity ( 20' Container )	unit	105
159		Loading Quantity ( 40' Container )	unit	222
160		Loading Quantity ( 40' High Cube Container )	unit	260

Air Condition Function			
171	Function	Automatic Operation	YES
172		Cooling	YES
173		Heating	YES
174		Dehumidify	YES
175		Fan	YES
176		Sleep Mode	Normal sleep mode
177		Auto Swing(Vertical Auto Swing)	YES
178		Auto Swing(Horizontal Auto Swing)	NO
179		Auto Fan	YES
180		Quiet	YES
181		I Feel	YES
182		Anion	NO
183		Cold Plasma	YES
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	YES
193		Temperature	YES
194		Soft Start	YES
195		Self Diagnosis	YES
196		Lock	YES
197		CO Detection	NO
198		CO <sub>2</sub> Detection	NO
199		Filter Dirty Alarm	NO
200		Intelligent Open-Close Panel	NO
201		Compressor Electric Heater Function	NO
202		Chassis Electric Heater Function	NO
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	YES	
211	8°C Heating Mode	YES	
212	Turbo Cooling	YES	
213	High-Voltage Electrostatic Dedust	NO	
214	Low Ambient Cooling	YES	
215	Low Ambient Heating	NO	
216	Low Voltage Startup	YES	
217	Standby	YES	
218	Multi Speeds		