

Technical Specifications				
Split-type Inverter				
Sr No	Parameter		Unit	Value
1	Model		--	GWH12QC-K6DNA5F
2	Product Code		--	CB425016200
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	3510
11	Cooling Capacity		Btu/h	11976
12	Min. Cooling Capacity		W	900
13	Min. Cooling Capacity		Btu/h	3071
14	Max. Cooling Capacity		W	4400
15	Max. Cooling Capacity		Btu/h	15013
16	Pdesignc		kW	3.5
17	Heating Capacity		W	3810
18	Heating Capacity		Btu/h	13000
19	Min. Heating Capacity		W	900
20	Min. Heating Capacity		Btu/h	3071
21	Max. Heating Capacity		W	4700
22	Max. Heating Capacity		Btu/h	16036
23	Pdesignh(Average)		kW	3.2
24	Pdesignh(Warmer)		kW	3.3
25	Pdesignh(Colder)		kW	4.5
26	Cooling Power Input		W	962
27	Min. Cooling Power Input		W	220
28	Max. Cooling Power Input		W	1400
29	Heating Power Input		W	953
30	Min. Heating Power Input		W	220
31	Max. Heating Power Input		W	1550
32	Cooling Current		A	4.3
33	Heating Current		A	4.6
34	Rated Input		W	1550
35	Rated Current		A	6.2
36	Rated Heating Current		A	6.9
37	Max. Over Current Protection		A	/
38	Min. Current (MCA)		A	/
39	Starting Current		A	/
40	EER		W/W	3.65
41	EER		(Btu/h)/w	12.45
42	COP		W/W	4.00
43	COP		(Btu/h)/w	13.64
44	R		--	/
45	SEER		--	7.1
46	HSPF		--	/
47	SCOP(Average)		--	4.1
48	SCOP(Warmer)		--	5.2
49	SCOP(Colder)		--	3.1
	AEER			/

	ACOP		/
50	APF	W/W	/
51	Energy Class	--	
52	Air Flow Volume	m ³ /h	700/650/600/540/480/420/360
53	Air Flow Volume	CFM	412/383/353/318/282/247/212
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	-- GWH12QC-K6DNA5F/I
58		Fan Type	-- Cross-flow
59		Fan Diameter Length(D×L)	mm Φ98×633.5
60		Fan Diameter Length(D×L)	inch
61		Cooling Speed	r/min 1350/1200/1100/1000/920/850/800
62		Heating Speed	r/min 1300/1200/1120/1050/980/900/850
63		Fan Motor Power Output	W 20
64		Fan Motor RLA	A 0.31
65		Fan Motor Capacitor	μF 1.5
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 635×22.8×306.3
73		Evaporator Coil Length (L×D×W)	inch
74		Swing Motor Model	-- MP24EB/MP24HF
75		Swing Motor Power Output	W 1.5/1.5
76		Fuse Current	A 3.15
77		Set Temperature Range	16~30
78		Set Temperature Range	°F 61~86
79		Sound Pressure Level	dB (A) 42/38/35/32/29/26/25
80		Sound Power Level	dB (A) 57/50/47/44/41/38/37
81		Dimension (W×H×D)	mm 845×289×209
82		Dimension (W×H×D)	inch 33 17/64×11 24/64×8 15/64
83		Dimension of Carton Box (L×W×H)	mm 900×351×272
84		Dimension of Carton Box (L×W×H)	inch 35 28/64×13 52/64×10 45/64
85		Dimension of Package(L×W×H)	mm 905×367×283
86		Dimension of Package(L×W×H)	inch 35 40/64×14 29/64×11 9/64
87		Stacked Layers	— 8
88		Net Weight	kg 11
89		Net Weight	lb 24.3
90		Gross Weight	kg 13
91		Gross Weight	lb 28.7

92	Outdoor Unit	Outdoor Unit Model	--	GWH12AFC-K6DNA2F/O 顶<LCLH>
93		Compressor Trademark		GREE
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO., LTD
95		Compressor Model	--	FTz-AN108ACBD
96		Compressor Oil	--	FW68DA or equivalent
97		Compressor Type	--	Rotary
98		Compressor LRA	A	/
99		Compressor RLA	A	4.40
100		Compressor Power Input	W	/
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 ³ /h	1950
110		Condenser Form	--	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	φ7.94
112		Condenser Pipe Diameter	inch	
113		Condenser Rows-fin Gap	mm	1-1.2
114		Condenser Rows-fin Gap	inch	
115		Condenser Coil Length (L×D×W)	mm	666×19.05×527
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		-15~50
121		Cooling Operation Ambient Temperature Range	°F	5~122
122		Heating Operation Ambient Temperature Range		-25~30
123		Heating Operation Ambient Temperature Range	°F	-13~86
124		Throttling Method	--	Electron expansion valve
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)	52
131		Sound Power Level	dB (A)	63
132		Dimension (W×H×D)	mm	732×555×330
133		Dimension (W×H×D)	inch	28 5/8×21 5/8×12 5/8
134		Dimension of Carton Box (L×W×H)	mm	791×373×590
135		Dimension of Carton Box (L×W×H)	inch	31 1/8×14 4/8×23 1/8
136		Dimension of Package(L×W×H)	mm	794×376×605
137		Dimension of Package(L×W×H)	inch	31 1/8×14 5/8×23 5/8

138		Stacked Layers	--	5
139		Net Weight	kg	24.5
140		Net Weight	lb	54.0
141		Gross Weight	kg	27
142		Gross Weight	lb	59.5
143		Refrigerant	--	R32
144		Refrigerant Charge	kg	0.57
145		Refrigerant Charge	oz	20.1
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	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	Loading Quantity	Max Distance Length	m	15
157		Max Distance Length	ft	49.2
158		Loading Quantity (20' Container)	unit	101
159		Loading Quantity (40' Container)	unit	207
160		Loading Quantity (40' High Cube Container)	unit	244
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		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 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		YES
211		8℃ Heating Mode		YES
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