

Technical Specifications				
Split-type Inverter				
Sr No	Parameter		Unit	Value
1	Model		--	GWH18YD-K6DNA1A
2	Product Code		--	CB437001301
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	1.50
8	Recommended Power Cable(Core)		N	3
9	Min/Max. Voltage		V	198/264
10	Cooling Capacity		W	5300
11	Cooling Capacity		Btu/h	18084
12	Min. Cooling Capacity		W	1260
13	Min. Cooling Capacity		Btu/h	4299
14	Max. Cooling Capacity		W	6600
15	Max. Cooling Capacity		Btu/h	22519
16	Pdesignc		kW	5.30
17	Heating Capacity		W	5570
18	Heating Capacity		Btu/h	19005
19	Min. Heating Capacity		W	1120
20	Min. Heating Capacity		Btu/h	3821
21	Max. Heating Capacity		W	6800
22	Max. Heating Capacity		Btu/h	23202
23	Pdesignh(Average)		kW	4.50
24	Pdesignh(Warmer)		kW	4.60
25	Pdesignh(Colder)		kW	6.40
26	Cooling Power Input		W	1550
27	Min. Cooling Power Input		W	380
28	Max. Cooling Power Input		W	2450
29	Heating Power Input		W	1428
30	Min. Heating Power Input		W	350
31	Max. Heating Power Input		W	2600
32	Cooling Current		A	6.9
33	Heating Current		A	6.3
34	Rated Input		W	2600
35	Rated Current		A	10.9
36	Rated Heating Current		A	11.5
37	Max. Over Current Protection		A	/
38	Min. Current (MCA)		A	/
39	Starting Current		A	5
40	EER		W/W	3.42
41	EER		(Btu/h)/w	11.67
42	COP		W/W	3.90
43	COP		(Btu/h)/w	13.31
44	R		--	/
45	SEER		--	7.60
46	HSPF		--	/
47	SCOP(Average)		--	4.10
48	SCOP(Warmer)		--	5.20
49	SCOP(Colder)		--	3.40

	AEER		/
	ACOP		/
50	APF	W/W	/
51	Energy Class	--	A+++<Cooling>/A+<Average>/A+++<Warmer>/A<Cold>
52	Air Flow Volume	m ³ /h	850/750/610/520
53	Air Flow Volume	CFM	500/441/359/306
54	Dehumidifying Volume	L/h	1.80
55	Dehumidifying Volume	PINT/D	3.80
56	Application Area	m ²	23-34
57	Indoor Unit	Indoor Unit Model	-- GWH18YD-K6DNA1A/I
58		Fan Type	-- Cross-flow
59		Fan Diameter Length(D×L)	mm Φ106×706
60		Fan Diameter Length(D×L)	inch 4 1/6×27 4/5
61		Cooling Speed	r/min 1230/1170/1100/1020/960/880/800/550
62		Heating Speed	r/min 1400/1270/1200/1130/1050/980/900
63		Fan Motor Power Output	W 60
64		Fan Motor RLA	A 0.24
65		Fan Motor Capacitor	μF /
66		Heater Power Input	W /
67		Evaporator Form	-- Aluminum Fin-copper Tube
68		Evaporator Pipe Diameter	mm Φ7
69		Evaporator Pipe Diameter	inch 2/7
70		Evaporator Row-fin Gap	mm 2-1.4
71		Evaporator Row-fin Gap	inch 2-1/18
72		Evaporator Coil Length (L×D×W)	mm 715×25.4×304.8
73		Evaporator Coil Length (L×D×W)	inch 28 1/7×1×12
74		Swing Motor Model	-- MP35CJ
75		Swing Motor Power Output	W 2.5
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) 49/45/43/41/39/37/34
80		Sound Power Level	dB (A) 58/55/53/51/49/47/44
81		Dimension (W×H×D)	mm 996×301×225
82		Dimension (W×H×D)	inch 39.213×11.85×8.858
83		Dimension of Carton Box (L×W×H)	mm 1057×377×307
84		Dimension of Carton Box (L×W×H)	inch 41.614×14.842×12.087
85		Dimension of Package(L×W×H)	mm 1060×380×322
86		Dimension of Package(L×W×H)	inch 41.732×14.961×12.677
87		Stacked Layers	— 7
88		Net Weight	kg 13.5
89		Net Weight	lb 29.8
90		Gross Weight	kg 16.5
91		Gross Weight	lb 36.4

92	Outdoor Unit	Outdoor Unit Model	--	GWH18YD-K6DNA1A/O
93		Compressor Trademark		GREE
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO.,LTD
95		Compressor Model	--	QXF-B141zF030A
96		Compressor Oil	--	68EP
97		Compressor Type	--	Rotary
98		Compressor LRA.	A	25
99		Compressor RLA	A	6.5
100		Compressor Power Input	W	1410
101		Compressor Overload Protector	--	1NT11L-6233
102		Fan Type	--	Axial-flow
103		Fan Diameter	mm	520
104		Fan Diameter	inch	20.472
105		Fan Motor Speed	rpm	800
106		Fan Motor Power Output	W	60
107		Fan Motor RLA	A	0.24
108		Fan Motor Capacitor	μF	/
109		Outdoor Unit Air Flow Volume	m ³ /h	3200
110		Condenser Form	--	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	Φ7
112		Condenser Pipe Diameter	inch	0.276
113		Condenser Rows-fin Gap	mm	2-1.4
114		Condenser Rows-fin Gap	inch	2-1/18
115		Condenser Coil Length (L×D×W)	mm	851×38.1×660
116		Condenser Coil Length (L×D×W)	inch	33 5/8×1 1/2×26
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	-22~24
123		Heating Operation Ambient Temperature Range	°F	-8~75
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)	57
131		Sound Power Level	dB (A)	65
132		Dimension (W×H×D)	mm	955×700×396
133		Dimension (W×H×D)	inch	37.598×27.559×15.591
134		Dimension of Carton Box (L×W×H)	mm	1026×455×735
135		Dimension of Carton Box (L×W×H)	inch	40.394×17.913×28.937
136		Dimension of Package(L×W×H)	mm	1029×458×750
137		Dimension of Package(L×W×H)	inch	40.512×18.031×29.528
138		Stacked Layers	--	4
139		Net Weight	kg	45

140		Net Weight	lb	99.2
141		Gross Weight	kg	49.5
142		Gross Weight	lb	109.1
143		Refrigerant	--	R32
144		Refrigerant Charge	kg	1
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.	0.6
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	φ12
153		Outer Diameter of Gas Pipe(British System Allocation)	inch	1/2"
154		Max Distance Height	m	10
155		Max Distance Height	ft	32.8
156	Loading Quantity	Max Distance Length	m	25
157		Max Distance Length	ft	82.0
158	Loading Quantity	Loading Quantity (20' Container)	unit	60
159		Loading Quantity (40' Container)	unit	125
160		Loading Quantity (40' High Cube Container)	unit	145
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	
169		Panel Gross Weight	kg	
170		Panel Gross Weight	lb	

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		NO
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		NO
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		NO
218		Multi Speeds		