

AMBER DC Inverter Ecodesign – Technical Specifications

Sr No	Parameter		Unit	AMBER 9K	AMBER12K	AMBER 18K	AMBER 24K
1	Model			GWH09YC-K6DNA1A	GWH12YC-K6DNA1A	GWH18YD-K6DNA1A	GWH24YE-K6DNA1A
2	Power Supply	Voltage/ Frequency/Phases	V~/Hz	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
3	Cooling Capacity		W-Btu/h	2700 - 9212	3500 - 11942	5300 - 18084	7000 - 24000
4	Heating Capacity		W-Btu/h	2930-10000	3810 - 13000	6600 - 22519	9050 - 30900
5	EER		W/W	4.62	3.68	3.42	3.50
6	COP		W/W	4.51	3.91	3.90	3.90
7	SEER		W/W	8.50	8.50	7.60	7.00
8	Air Flow Volume		m ³ /h	660/590/490/420/390	680/590/490/420/390	850/750/610/520	1250/1100/950/850/750
9	Dehumidifying Volume		L/h	0.8	1.40	1.80	2.40
10	Application Area		m ²	12-18	16-24	23-34	27-42
11	Indoor Unit	Cooling Speed	r/min	1300/1200/1120/1050/980/920/750/500	1350/1200/1120/1050/980/920/750 /500	1230/1170/1100/1020/960/880/800/550	1250/1100/1000/950/900/850/800/600
12		Heating Speed	r/min	1300/1200/1140/1080/1020/960/900	1350/1200/1140/1080/1020/960/900	1400/1270/1200/1130/1050/980/900	1400/1250/1100/1050/1000/900/850
13		Sound Pressure Level	dB (A)	41/39/35/31/24	43/39/35/32/25	49/45/41/37/34	49/47/42/38/36
14		Dimension (W×H×D)	mm	865×290×210	865×290×210	996×301×225	1101×327×249
15		Net Weight	kg	10.5	11	13.5	16.5
16	Outdoor Unit	Unit Model	--	GWH09YC-K6DNA1A/O	GWH12YC-K6DNA1A/O	GWH18YD-K6DNA1A/O	GWH24YE-K6DNA1A/O
17		Compressor RLA	A	4.21	4.21	6.5	11.50
18		Compressor Power Input	W	943	943	1410	2550
19		Cooling Operation Ambient Temperature Range	°C	-15~43	-15~43	-15~43	-15~43
20		Heating Operation Ambient Temperature Range	°C	-22~24	-22~24	-22~24	-22~24
21		Sound Pressure Level	dB (A)	52	53	57	60
22		Dimension (W×H×D)	mm	848×596×320	848×596×320	955×700×396	955×700×396
23		Net Weight	kg	33.5	33.5	45	53
24	Connection Pipe	Refrigerant/Charge	kg	R32/0.7	R32/0.75	R32/1	R32/1.7
25		Length/Gas Additional Charge	m-g/m	5/16	5/16	5/16	5/50
26		Outer Diam. Liquid Pipe/Gas Pipe	mm	φ6/9.52	φ6/9.52	φ6/12	φ6/16
27		Max. Height/Length Distance	m	10/15	10/20	10/25	10/25
28	General Control Function	Auto /Timer		YES	YES	YES	YES
29		Cooling /Heating/Dehumidify		YES	YES	YES	YES
30		Sleep		Three kinds of sleep curve	Three kinds of sleep curve	Three kinds of sleep curve	Three kinds of sleep curve
31		Energy Saving		YES	YES	YES	YES
32		Memory /Auto Fan		YES	YES	YES	YES
33		Quiet Design/I Feel/Auto Fan		YES	YES	YES	YES
34		Turbo Cooling		YES	YES	YES	YES
35		Cold Plasma		YES	YES	YES	YES
36		Self Diagnosis		YES	YES	YES	YES
37		LCD Back Light		YES	YES	YES	YES
38	Auto Swing (vertical /horizontal)		YES	YES	YES	YES	