

# BORA DC Inverter Ecodesign – Technical Specifications

Model		GWH09AAB-K6DNA4A		GWH12AAB-K6DNA4A		GWH18AAD-K6DNA4B		GWH18AAD-K6DNA4A		GWH24AAE-K6DNA4Ψ	
Capacity	kW	2,50	2,80	3,20	3,40	4,60	5,20	5,13	5,28	6,45	6,45
Capacity	Btu/h	8.53	9.554	10.918	11.601	15.695	17.742	17.504	17.998	22.007	22.007
Pdesign (C/A/W)*	kW	2,60	2,70/2,60/2,80	3,2	4,80/3,20/3,40	4,60	-/3.6/3.6	5,10	-/4.20/4.30	6,40	6.30/6.30/6.40
Capacity Range	kW	0.5 - 3.35	0.5 - 3.5	0.60 - 3.60	0.6 - 4.40	0.65 - 5.20	0.70 - 5.40	1.20-6.20	1.2-6.60	2.0-8.20	2.0-8.50
Capacity Range	Btu/h	1.700 - 11.430	1.700 - 11.940	2.047 - 12.280	2.047 - 15.000	2.218 - 17.740	2.389 - 18425	4.095-21.155	4.095-22.520	6.820-27.980	6.820-29.000
Power Input (min-nom-max)	W	160 - 781 - 1.400	200 - 777 - 1500	100-997-1400	120-941-1.500	150-1430-1700	160-1400-1600	350-1600-2.100	350-1.450-2.300	400-1.950-3.000	450-1.735-3.100
Current Input (nom)	A	3,99	3,74	4,50	4,40	6,30	6,20	7,00	6,30	8,40	8,00
Annual Consumption	kWh/ann	143	1772/910/769	184	3.055/1.120/933	264	-/1260/988	293	4.200/1.435/1.375	356	4.009/2.205/1.757
SEER – SCOP(C/A/W) – Class	W/W	6.1A++	3,2B/4,0A+/5.1A+++	6.1A++	3,2B/4,0A+/5.1A+++	6,10 A++	-/4,0A+/5,14A+++	6,10 A++	-/4,0A+/5,1A+++	6,30 A++	3.38/4,0A+/5,1A++ +
Ambient Temperature Range	oC	-15~43	-15~24	-15~43	-15~24	-15~43	-15~24	-15~43	-15~24	-15~43	-15~24
Power Supply	V-Ph-Hz	230V ~ 1N – 50 Hz		230V ~ 1N – 50 Hz		230V ~ 1N – 50 Hz		230V ~ 1N – 50 Hz		230V ~ 1N – 50 Hz	
Power Connection Cable ODU.-IDU. / Com.	mm2	3x1,5 – OXI / 4x1,5		3x1,5 – OXI / 4x1,5		3x2,5 – OXI / 4x1,5		3x2,5 – OXI / 4x1,5		3x2,5 – OXI / 4x1,5	
Air Flow Volume	m3/h	550/500/430/300		550/480/410/290		850/720/610/520		850/720/610/520		1250/1050/950/850	
Sound Pressure Level IDU (H/M/L) – ODU.	dB(A)	40/37/35/28 - 52		42/37/34/28/ - 52		48/44/39/34 - 54		48/44/39/34 - 56		49/44/41/39-58	
Sound Power IDU (H/M/L) – ODU	dB(A)	55/49/47/40 - 60		55/49/46/40 - 62		58/54/49/44 - 63		58/54/49/44 - 64		63/59/56/53-68	
Diameter Liquid-Gas Connection Pipe	inch	1/4" – 3/8"		1/4" – 3/8"		1/4" – 1/2"		1/4" – 1/2"		1/4" – 5/8"	
Refrigerant charge (precharge/after 5m)		R32 – ,60kg		R32 – ,65kg		R32 – ,77kg		R32 – ,90kg		R32 – ,77kg	
		/ 20g/m		/ 20g/m		/ 16g/m		/ 16g/m		/ 50g/m	
Max Distance /Height Connection Pipe	m	15/10		20/10		20/10		25/10		25/10	
Indoor Unit Dimension LxHxD/ Weight	mm/kg	773x250x185/8.5		773x250x185/8.5		970x300x225 / 13.5		970x300x225 / 13.5		1078x325x246 / 16.5	
Outdoor Unit Dimension LxHxD/ Weight	mm/kg	766x540x320/29		842x596x320/31		842x596x320/ 34		899x596x378/ 39		956x700x396/ 52.5	

\*Colder, Average, Warmer climate zones for heating operation