

U-CROWN Super DC Inverter Ecodesign – Technical Specifications

Model		GWH09UB-K3DNA4F		GWH12UB-K3DNA4F		GWH18UC-K3DNA4F	
Capacity	kW	2,60	3,00	3,50	3,60	5,28	5,28
Capacity	Btu/h	8.871	10.236	11.942	12.283	17.998	17.998
Pdesign (C/A/W)*	kW	2,60	2,70/2,70/2,80	3,50	3,00/3,00/3,20	5,20	6,20/5,20/5,30
Capacity Range	kW	0,39-4,00	0,56-4,80	0,39-4,45	0,56-5,40	0,90-5,75	0,75-7,25
Capacity Range	Btu/h	1.331-13.648	1.911-16.378	1.331-15.183	1.911-18.425	3.071-19.619	2.559-24.737
Power Input (min-nom-max)	W	95-600-1.500	100-800-1.630	95-920-1.550	100-970-1.680	200-1.600-2.050	200-1.420-2.400
Current Input (nom)	A	2,7	3,5	4,10	4,20	7,10	6,20
Annual Consumption	kWh/ann	121	1.492/822/769	175	1.658/913/878	298	4.200/1.820/1.855
SEER – SCOP(C/A/W) – Class	W/W	7.50 A++	3,8A/4,60A++/5,10 A+++	7,00 A++	3,80A/4,60A++/5,10A++ +	6,10 A++	3,10B/4,00A+/4,00 A+
Ambient Temperature Range	oC	-18~54	-30~24	-18~54	-30~24	-18~54	-30~24
Power Supply	V-Ph-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	
Air Flow Volume	m3/h	650/530/470/400/350/300/290		720/550/490/420/370/320/290		850/750/650/600/500/400/340	
Sound Pressure Level IDU (H/M/L) – ODU.	dB(A)	41/37/35/33/30/22/19 – 50		43/38/36/34/31/23/20 – 52		46/42/40/36/33/25/22 – 56	
Sound Power IDU (H/M/L) – ODU	dB(A)	56/50/48/46/43/35/32 – 59		57/51/49/47/44/36/33 – 60		58/54/52/48/45/37/34 – 62	
Diameter Liquid-Gas Connection Pipe	inch	1/4" – 1/2"		1/4" – 1/2"		1/4" – 1/2"	
Refrigerant charge (precharge/after 5m)		R410 – 1,30kg		R410 – 1,30kg		R410 – 1,65kg	
		/ 20g/m		/ 20g/m		/ 20g/m	
Max Distance /Height Connection Pipe	m	15-Oct		20-Oct		25-Oct	
Indoor Unit Dimension LxHxD/ Weight	mm/kg	860x305x170 / 11,5		860x305x170 / 11,5		960x320x205 / 14	
Outdoor Unit Dimension LxHxD/ Weight	mm/kg	899x596x378 / 44,5		899x596x378 / 44,5		950x700x396 / 51	

*Colder, Average, Warmer climate zones for heating operation