

Technical Specifications				
Split-type Inverter				
Sr No	Parameter		Unit	Value
1	Model		--	BMKH2422
2	Product Code		--	453079324
3	Power Supply	Rated Voltage	V~	208/230
4		Rated Frequency	Hz	50/60
5		Phases	--	1
6	Power Supply Mode		--	Outdoor
7	Cross-sectional Area of Power Cable Conductor		mm ²	3.3 (AWG12)
8	Recommended Power Cable(Core)		N	3
9	Min/Max. Voltage		V	187/253
10	Cooling Capacity		W	6450
11	Cooling Capacity		Btu/h	22000
12	Min. Cooling Capacity		W	2000
13	Min. Cooling Capacity		Btu/h	6800
14	Max. Cooling Capacity		W	9000
15	Max. Cooling Capacity		Btu/h	30700
16	Pdesignc		kW	/
17	Heating Capacity		W	7000
18	Heating Capacity		Btu/h	24000
19	Min. Heating Capacity		W	2000
20	Min. Heating Capacity		Btu/h	6800
21	Max. Heating Capacity		W	9500
22	Max. Heating Capacity		Btu/h	32000
23	Pdesignh(Average)		kW	/
24	Pdesignh(Warmer)		kW	/
25	Pdesignh(Colder)		kW	/
26	Cooling Power Input		W	1700
27	Min. Cooling Power Input		W	450
28	Max. Cooling Power Input		W	3700
29	Heating Power Input		W	2000
30	Min. Heating Power Input		W	380
31	Max. Heating Power Input		W	3700
32	Cooling Current		A	7.54
33	Heating Current		A	9.37
34	Rated Input		W	3700
35	Rated Current		A	16.4
36	Rated Heating Current		A	16.4
37	Max. Over Current Protection		A	35
38	Min. Current (MCA)		A	22
39	Starting Current		A	5
40	EER		W/W	3.81
41	EER		(Btu/h)/w	13.00
42	COP		W/W	3.50
43	COP		(Btu/h)/w	12.00
44	R		--	
45	SEER		--	21.50
46	HSPF		--	12.00
52	Air Flow Volume		m ³ /h	1400/1300/1200/1100/1000/850/650
53	Air Flow Volume		CFM	823.9/765.05/706.2/647.35/588.5/500.225/383
54	Dehumidifying Volume		L/h	2.00
55	Dehumidifying Volume		PINT/D	4.23

56	Application Area		m ²	32-50
57	Indoor Unit	Indoor Unit Model	--	BMKH2422/I
58		Fan Type	--	Cross-flow
59		Fan Diameter Length(D×L)	mm	φ106 × 890
60		Fan Diameter Length(D×L)	inch	φ4 1/6 X 35
61		Cooling Speed	r/min	1500/1300/1100/1000/900/850/800/600
62		Heating Speed	r/min	1500/1300/1100/1050/1000/900/850
63		Fan Motor Power Output	W	70
64		Fan Motor RLA	A	0.38
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	φ8/29
70		Evaporator Row-fin Gap	mm	2-1.5
71		Evaporator Row-fin Gap	inch	2-1/17
72		Evaporator Coil Length (L×D×W)	mm	845×25.4×381
73		Evaporator Coil Length (L×D×W)	inch	33 1/4×1×13 1/2
74		Swing Motor Model	--	MP35CJ
75		Swing Motor Power Output	W	2.5
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)	54/49/46/43/40/37/34<超静音档27>
80		Sound Power Level	dB (A)	64/59/56/53/50/47/◆
81		Dimension (W×H×D)	mm	1101×327×249
82		Dimension (W×H×D)	inch	43.346×12.874×9.803
83		Dimension of Carton Box (L×W×H)	mm	1164×402×339
84		Dimension of Carton Box (L×W×H)	inch	45.827×15.827×13.346
85		Dimension of Package(L×W×H)	mm	1167×405×354
86		Dimension of Package(L×W×H)	inch	45.945×15.945×13.937
87		Stacked Layers	—	7
88		Net Weight	kg	16.0
89		Net Weight	lb	35.3
90		Gross Weight	kg	19.5
91		Gross Weight	lb	43.0

92	Outdoor Unit	Outdoor Unit Model	--	BMKH2422/O
93		Compressor Trademark		GREE
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO., LTD
95		Compressor Model	--	QXAT-D20zF030
96		Compressor Oil	--	RB68EP
97		Compressor Type	--	Rotary
98		Compressor LRA.	A	30.00
99		Compressor RLA	A	16.00
100		Compressor Power Input	W	2443
101		Compressor Overload Protector	--	1NT11L-6233/HPC115/95/KSD115
102		Fan Type	--	Axial-flow
103		Fan Diameter	mm	550
104		Fan Diameter	inch	22 ?/?
105		Fan Motor Speed	rpm	820
106		Fan Motor Power Output	W	90
107		Fan Motor RLA	A	0.65
108		Fan Motor Capacitor	μF	/
109		Outdoor Unit Air Flow Volume	m ³ /h	4000
110		Condenser Form	--	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	φ7
112		Condenser Pipe Diameter	inch	φ3/7
113		Condenser Rows-fin Gap	mm	3-1.5
114		Condenser Rows-fin Gap	inch	3-1/18
115		Condenser Coil Length (L×D×W)	mm	994×57.1×748
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		-18~54
121		Cooling Operation Ambient Temperature Range	°F	0~129
122		Heating Operation Ambient Temperature Range		-30~24
123		Heating Operation Ambient Temperature Range	°F	-22~75
124		Throttling Method	--	Electron expansion valve
125		Defrosting Method	--	Automatic Defrosting
126		Climate Type	--	T1
127		Climate Zone	--	Temperate Zone、Frigid Zone
128		Isolation	--	I
129		Moisture Protection	--	IPX4
130		Sound Pressure Level	dB (A)	59
131		Sound Power Level	dB (A)	69
132		Dimension (W×H×D)	mm	980×790×427
133		Dimension (W×H×D)	inch	38.583×31.102×16.811
134		Dimension of Carton Box (L×W×H)	mm	1080×485×840
135		Dimension of Carton Box (L×W×H)	inch	42.52×19.094×33.071
136		Dimension of Package(L×W×H)	mm	1083×488×855
137		Dimension of Package(L×W×H)	inch	42.638×19.213×33.661

138	Stacked Layers	--	3
139	Net Weight	kg	67
140	Net Weight	lb	147.7
141	Gross Weight	kg	72
142	Gross Weight	lb	158.8
143	Refrigerant	--	R410A
144	Refrigerant Charge	kg	2.3
145	Refrigerant Charge	oz	81.1