

Technical Specifications				
Split-type Inverter				
Sr No	Parameter		Unit	Value
1	Model		--	BMKH1231
2	Product Code		--	453079322
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	1.30
8	Recommended Power Cable(Core)		N	3
9	Min/Max. Voltage		V	187/253
10	Cooling Capacity		W	3517
11	Cooling Capacity		Btu/h	12000
12	Min. Cooling Capacity		W	850
13	Min. Cooling Capacity		Btu/h	2900
14	Max. Cooling Capacity		W	4500
15	Max. Cooling Capacity		Btu/h	15354
16	Pdesignc		kW	/
17	Heating Capacity		W	3576
18	Heating Capacity		Btu/h	12200
19	Min. Heating Capacity		W	900
20	Min. Heating Capacity		Btu/h	3071
21	Max. Heating Capacity		W	5500
22	Max. Heating Capacity		Btu/h	18766
23	Pdesignh(Average)		kW	/
24	Pdesignh(Warmer)		kW	/
25	Pdesignh(Colder)		kW	/
26	Cooling Power Input		W	784
27	Min. Cooling Power Input		W	75
28	Max. Cooling Power Input		W	1500
29	Heating Power Input		W	940
30	Min. Heating Power Input		W	250
31	Max. Heating Power Input		W	1600
32	Cooling Current		A	3.9
33	Heating Current		A	5.3
34	Rated Input		W	1600
35	Rated Current		A	6.5
36	Rated Heating Current		A	6.9
37	Max. Over Current Protection		A	15
38	Min. Current (MCA)		A	9
39	Starting Current		A	5
40	EER		W/W	4.48
41	EER		(Btu/h)/w	15.30
42	COP		W/W	3.80
43	COP		(Btu/h)/w	12.98
44	R		--	
45	SEER		--	30.50
46	HSPF		--	14.00
52	Air Flow Volume		m ³ /h	850/800/750/600/550/450/400
53	Air Flow Volume		CFM	500/471/441/353/324/265/235
54	Dehumidifying Volume		L/h	1.40
55	Dehumidifying Volume		PINT/D	2.96

56	Application Area		m ²	16-24
57	Indoor Unit	Indoor Unit Model	--	BMKH1231/I
58		Fan Type	--	Cross-flow
59		Fan Diameter Length(D×L)	mm	φ106×706
60		Fan Diameter Length(D×L)	inch	φ4 1/6×27 4/5
61		Cooling Speed	r/min	1400/1300/1200/1100/1000/900/800/550
62		Heating Speed	r/min	1400/1270/1200/1130/1050/980/900
63		Fan Motor Power Output	W	60
64		Fan Motor RLA	A	0.09
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	φ 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、MP24HF
75		Swing Motor Power Output	W	2.5、1.5
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)	49/46/43/40/37/34/22
80		Sound Power Level	dB (A)	59/56/53/50/47/44/32
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	--	BMKH1231/O
93		Compressor Trademark		GREE
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO., LTD
95		Compressor Model	--	QXAT-B121zE070
96		Compressor Oil	--	FV50S
97		Compressor Type	--	Rotary
98		Compressor LRA.	A	35.00
99		Compressor RLA	A	6.90
100		Compressor Power Input	W	1070
101		Compressor Overload Protector	--	1NT11L- 6233/HPC115/95/KSD115
102		Fan Type	--	Axial-flow
103		Fan Diameter	mm	438
104		Fan Diameter	inch	17.244
105		Fan Motor Speed	rpm	850
106		Fan Motor Power Output	W	30
107		Fan Motor RLA	A	0.24
108		Fan Motor Capacitor	μF	/
109		Outdoor Unit Air Flow Volume	m ³ /h	2400
110		Condenser Form	--	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	φ7
112		Condenser Pipe Diameter	inch	φ 2/7
113		Condenser Rows-fin Gap	mm	2.5-1.4
114		Condenser Rows-fin Gap	inch	2.5-1/18
115		Condenser Coil Length (L×D×W)	mm	763×57×550
116		Condenser Coil Length (L×D×W)	inch	30.0×2 1/5×21 7/10
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)	53
131		Sound Power Level	dB (A)	63
132		Dimension (W×H×D)	mm	899×596×378
133		Dimension (W×H×D)	inch	35.394×23.465×14.882
134		Dimension of Carton Box (L×W×H)	mm	945×417×630
135		Dimension of Carton Box (L×W×H)	inch	37.205×16.417×24.803
136		Dimension of Package(L×W×H)	mm	948×420×645

137	Dimension of Package(L×W×H)	inch	37.323×16.535×25.394
138	Stacked Layers	--	3
139	Net Weight	kg	45
140	Net Weight	lb	99.2
141	Gross Weight	kg	48
142	Gross Weight	lb	105.8
143	Refrigerant	--	R410A
144	Refrigerant Charge	kg	1.4
145	Refrigerant Charge	oz	49.4