



# Solar Air Conditioner



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Function:

- 1/ 60s Fast cooling and heating
- 2/ Super low noise level, 29DB
- 3/ Strong turbo wind
- 4/ R410 environmental Friendly Gas
- 5/ Vitamin-C Filter, High density filter, Anti-Bacterial
- 6/ Dehumidifier Function
- 7/ Wash and Dry, Remove smell
- 8/ Under 58 degree running, Tropical area
- 9/ ECO Model



### Hybrid AC+DC Solar Inverter Air Conditioner

Model	9000BTU	12000BTU	18000BTU	24000BTU
Type	T3 Solar Inverter	T3 Solar Inverter	T3 Solar Inverter	T3 Solar Inverter
Room Square	8-15	15-20	20-30	32-42
Power supply	Ph-V4Hz 220V-240V/50-60Hz DC 50-350V	220V-240V/50-60Hz 50-350V	220V-240V/50-60Hz 50-350V	220V-240V/50-60Hz 50-350V
Rated Cooling Capacity	W 2600(1000-3500)	3500(1000-4100)	5000(1200-6000)	6740(2500-8200)
Cooling Power Input	BTU 9000(3400-12000)	12000(3400-14000)	17000 (4100-20400 )	23000 (8500-28000 )
Rated Heating Capacity	W 3800(800-4000)	4200(1000-4500)	6200(1200-6800)	7600(2000-8000)
Heating Power Input	BTU 13000(2700-13400)	14330(3400-15300)	21000 (4100-23000 )	26000 (10200-30800 )
Moisture Removal	W 1100(160-1300)	1100(150-1700)	1700(220-2500)	2300(390-3500)
Compressor	Model AS9N8022JFZ	AS9N8022JFZ	SPD138ZAC21	ATF235D22UMT
	Brand GMCC	GMCC	Panasonic	GMCC
	Capacity 2935	2935	3955	7135
Indoor air flow(Turbo/Hi/Mi/Lo)	m3/h 580/520/440/370	650/620/500/400	1020/1000/800/700	1200/1150/850/740
Outdoor noise level (Turbo/Hi/Mi/Lo)	dB(A) 41/39/35/27	42.5/42/37/29	46/42/35	50/45/39
Outdoor air flow	m3/h 1500	1800	2000	3500
Outdoor noise level	dB(A) ≤51	≤52	≤55	≤58
Refrigerant type and charge volume	g R410A(940)	R410A(1200)	R410A(1550)	R410A(2200)
Max Design pressure	MPa 4.3/1.1	4.3/1.1	4.3/1.1	4.3/1.1
Refrigerant piping (Gas side/Liquid side (inch))	mm 3/8 1/4	3/8 1/4	1/2 1/4	5/8 3/8
Ambient temp (cooling/heating)	℃ 16-55/-20-31	16-55/-20-31	16-55/-20-31	16-55/-20-31
Application area	m2 8-15	15-20	20-30	32-42
Indoor unit	Dimension(W *H*D) mm 823 *300 *244	823 *300 *244	1150 *300 *260	1150 *300 *260
	Packing (WH*H) mm 890 *360 *300	890 *360 *300	1230 *360 *320	1230 *360 *320
	Net weight/Gross weight Kg 10.8/12.7	10.8/12.7	14/16.8	15/17.4
Outdoor unit	Dimension(W *D*H) mm 800 *325 *550	800 *325 *550	800 *325 *550	912 *375 *712
	Packing (W*D*H) mm 900 *400 *610	900 *400 *610	900 *400 *610	1040 *465 *788
	Net/Gross weight Kg 30/34	32.5/36.5	35.5/40	55/62.3
Loading QTY	40" HQ 210	210	150	125
Standard Solar Panel 285W-315W	PCS 2	3	6	8

### DC48V Solar Inverter Air Conditioner

Model	9000BTU	12000BTU	18000BTU	24000BTU
Type	T3 solar Inverter	T3 solar Inverter	T3 solar Inverter	T3 solar Inverter
Room Square	8-15	15-20	20-30	32-42
Power Supply	DC48V	DC48V	DC48V	DC48V
Rated Cooling	W 2600(1000-3500)	3500(1000-4100)	5275(1200-5600)	7000(2500-7800)
Cooling Power Input	BTU 9000(3400-12000)	12000(3400-14000)	18000 (4100-19000 )	24000 (8500-28800 )
Rated Heating	W 3800(800-4000)	4300(1000-4500)	5900(1200-6800)	7150(2000-8000)
Heating Power Input	BTU 13000(2700-13400)	14600(3400-15300)	20000 (4100-23000 )	26600 (10200-30000 )
Moisture Removal	W 1100(160-1300)	1100(150-1700)	1570(220-2500)	2330(390-3500)
Compressor	Model AS9N8022JFZ	AS9N8022JFZ	SPD138ZAC21	ATF235D22UMT
	Brand GMCC	GMCC	Panasonic	GMCC
	Capacity 2935	2935	3955	7135
Indoor air flow(Turbo/Hi/Mi/Lo)	m3/h 580/520/440/370	650/620/500/400	1020/1000/800/700	1200/1150/850/740
Outdoor noise level (Turbo/Hi/Mi/Lo)	dB(A) 41/39/35/27	42.5/42/37/29	46/42/35	50/45/39
Outdoor air flow	m3/h 1500	1800	2000	3500
Outdoor noise level	dB(A) ≤51	≤52	≤55	≤58
Refrigerant type and charge volume	g R410A(940)	R410A(1130)	R410A(1550)	R410A(2200)
Max Design pressure	MPa 4.3/1.1	4.3/1.1	4.3/1.1	4.3/1.1
Refrigerant piping (Gas side/Liquid side (inch))	mm 3/8 1/4	3/8 1/4	1/2 1/4	5/8 3/8
Ambient temp (cooling/heating)	℃ 16-55/-20-31	16-55/-20-31	16-55/-20-31	16-55/-20-31
Application area	m2 8-15	15-20	20-30	32-42
Indoor unit	Dimension(W *H*D) mm 823 *300 *244	823 *300 *244	1150 *300 *260	1150 *300 *260
	Packing (WH*H) mm 890 *360 *300	890 *360 *300	1230 *360 *320	1230 *360 *320
	Net weight/Gross weight Kg 9.8/12.2	9.8/12.2	14/16.8	15/17.4
Outdoor unit	Dimension(W *D*H) mm 800 *325 *550	800 *325 *550	800 *325 *550	912 *375 *712
	Packing (W*D*H) mm 900 *400 *610	900 *400 *610	900 *400 *610	1040 *465 *788
	Net/Gross weight Kg 29.5/33.5	32.5/36.5	35.5/40	54.5/62
Loading QTY	40" HQ 210	210	150	125
Solar Charger Controller	48V/60Ah	48V/60Ah	48V/60Ah	48V/60Ah
Standard Solar Panel 285W-315W	PCS 5	6	8	10
Lead Acid Battery	12V 100Ah/ 150Ah/ 200Ah	12V 100Ah/ 150Ah/ 200Ah	12V 100Ah/ 150Ah/ 200Ah	12V 100Ah/ 150Ah/ 200Ah