

Maxima

Solar Air Conditioner





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	m ²	8-15	15-20	20-30	32-42	
Power supply	Ph-V-Hz	220V-240V/50-60HZ	220V-240V/50-60HZ	220V-240V/50-60HZ	220V-240V/50-60HZ	
	DC	50-350V	50-350V	50-350V	50-350V	
Rated Cooling Capacity	W	2600(1000-3500)	3500(1000-4100)	5000(1200-6000)	6740(2500-8200)	
	BTU	9000(3400-12000)	12000(3400-14000)	17000(4100-20400)	23000(8500-28000)	
Cooling Power input	W	650(200-980)	930(190-1250)	1440(185-2000)	1940(450-3300)	
	BTU	3800(800-4000)	4200(1000-4500)	6200(1200-6800)	7800(2000-9000)	
Rated Heating Capacity	W	3800(800-4000)	4200(1000-4500)	6200(1200-6800)	7800(2000-9000)	
	BTU	13000(2700-13400)	14330(3400-15300)	21000(4100-23000)	26000(10200-30800)	
Heating Power input	W	1100(160-1300)	1100(150-1700)	1700(220-2500)	2300(390-3500)	
	L/h	1.0	1.3	1.7	2.5	
Moisture Removal	Model	ASN98D22UFZ	ASN98D22UFZ	5RD138ZAC21	ATF235D22UMT	
	Brand	GMCC	GMCC	Panasonic	GMCC	
Compressor	Capacity	W	2935	2935	3565	
			7135			
Indoor air flow(Turbo/Hi/Mi/Lo)	m ³ /h	580/520/440/370	650/620/500/400	1020/1000/800/700	1200/1150/850/740	
Indoor 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	m ³ /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)	3/8 1/4	3/8 1/4	1/2 1/4	5/8 3/8	
Ambient temp (cooling/heating)	°C	16-55/-20-31	16-55/-20-31	16-55/-20-31	16-55/-20-31	
Application area	m ²	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*D)	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*768
	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	
			2	3	6	



DC48V Solar Inverter Air Conditioner						
Model		9000BTU	12000BTU	18000BTU	24000BTU	
Type		T3 solar Inverter 8-15	T3 solar Inverter 15-20	T3 solar Inverter 20-30	T3 solar Inverter 32-42	
Room Square		m ²				
Power Supply		DC	DC48V	DC48V	DC48V	
Rated Cooling	Capacity	W	2600(1000-3500)	3500(1000-4100)	5275(1200-5600)	7000(2500-7800)
		BTU	9000(3400-12000)	12000(3400-14000)	18000(4100-19000)	24000(6500-26600)
Cooling Power input		W	650(200-980)	850(190-1250)	1450(185-2000)	2150(450-3300)
		BTU	3800(800-4000)	4300(1000-4500)	5800(1200-6800)	7800(2000-8800)
Rated Heating	Capacity	W	3800(800-4000)	4300(1000-4500)	5800(1200-6800)	7800(2000-8800)
		BTU	13000(2700-13400)	14600(3400-15300)	20000(4100-23000)	26600(10200-30000)
Heating Power input		W	1100(160-1300)	1100(150-1700)	1570(220-2500)	2330(380-3500)
Moisture Removal		L/h	1.0	1.3	1.7	2.5
Compressor	Model		ASN98D22UFZ	ASN98D22UFZ	5RD138ZAC21	ATF235D22UMT
	Brand		GMCC	GMCC	Panasonic	GMCC
	Capacity	W	2935	2935	3565	7135
Indoor air flow(Turbo/Hi/Mi/Lo)		m ³ h	580/520/440/370	650/620/500/400	1020/1000/800/700	1200/1150/850/740
Indoor 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		m ³ 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(1650)	R410a(2200)
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)		°C	16-55(-20-31)	16-55(-20-31)	16-55(-20-31)	16-55(-20-31)
Application area		m ²	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*D)	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*768
	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	Pcs	1	1	1	1-2
Standard Solar Panel	285W-315W	Pcs	5	6	8	10
Lead Acid Battery	12V 100AH 150AH 200Ah	Pcs	4	4	8	8



APEX POWER CONCEPTS LLC
Company address : Showroom 5-6,
building name : 7-states building, Baniyas Square,
Deira , Dubai. United ARAB Emirates
Tel: +971 4 2231185
Info@maxima.solar
www.MAXIMA.solar

