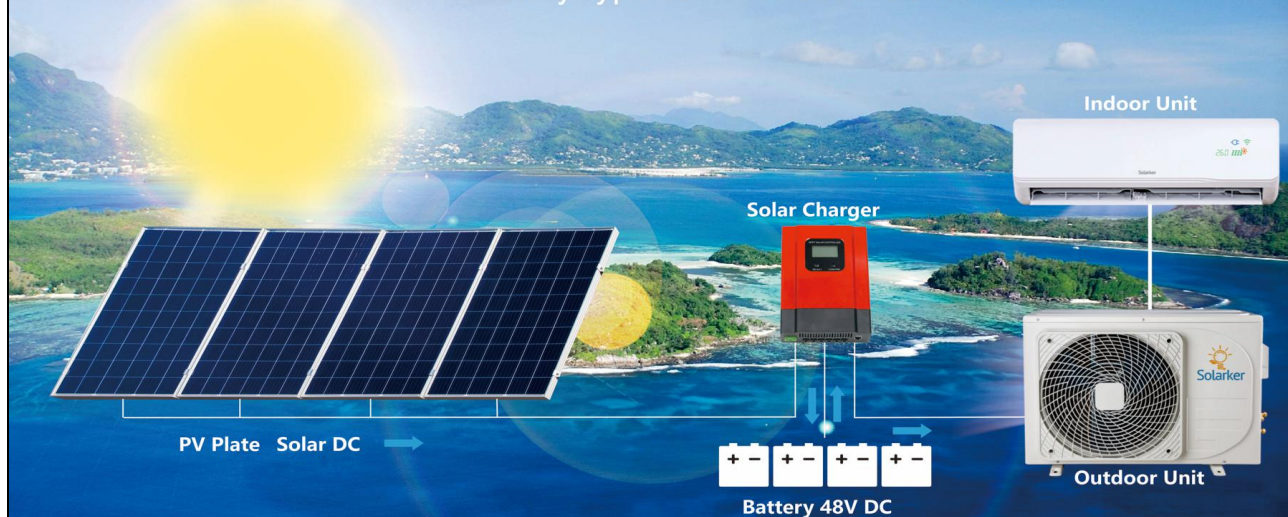




DC48V Battery Type Solar Air Conditioner--Off Grid



48V DC Solar Air Conditioner

Model		SK-DC48V-09K	SK-DC48V-12K	SK-DC48V-18K
Climate Type		T1/T3	T1/T3	T1/T3
Application area	m2	8-12	12-20	20-30
Power supply Battery	DC	DC48V(46~58V)	DC48V(46~58V)	DC48V(46~58V)
Rated Cooling Capacity(T1)	BTU	9000(3400-11600)	12000(3400-12600)	17300(4100-18000)
Power input(T1)	W	680(180-1060)	980(200-1200)	1450(220-1780)
Rated Cooling Capacity(T3)	W	2490	2910	4200
Power input(T3)	W	960	1090	1660
Rated Heating Capacity	W	2900(800-3050)	3900(1000-4100)	5250(1200-5500)
Rated Heating Capacity	BTU	9900(2700-10400)	13300(3400-14000)	18000(4100-18700)
Power input	W	830(160-950)	1130(180-1280)	1400(220-1830)
T1 EER (W/W)/(BTU/W)	/	3.90/13.20	3.60/12.25	3.50/11.8
T3 EER (W/W)/(BTU/W)	/	2.60/8.90	2.65/9.05	2.55/8.60
COP (W/W)/(BTU/W)	/	3.50/11.90	3.45/11.75	3.75/12.80
Dehumidification capacity	L/h	1.0	1.3	1.7
Compressor Type	/	Rotary Inverter	Rotary Inverter	2xRotary Inverter
Compressor Brand	/	GMCC	GMCC	HIGHLY
Indoor fan motor	/	BLDC 15W	BLDC 15W	BLDC 45W
Indoor unit Dimension(W×H×D)	mm	840×205×295	840×205×295	1080×330×237
Indoor Packing (W×H×D)	mm	920×290×360	920×290×360	1140×300×382
Indoor Net weight/Gross weight	Kg	9.0/12.5	9.0/12.5	15.0/18.5
Outdoor fan motor	/	BLDC 40W	BLDC 40W	BLDC 55W
Outdoor unit Dimension(W×H×D)	mm	802×564×323	802×564×323	802×564×323
Outdoor unit Packing (W×H×D)	mm	910×622×405	910×622×405	910×622×405
Outdoor unit Net/Gross weight	Kg	28.0/32.0	32.0/36.0	36.0/40.0
Refrigerant type	/	R410a	R410a	R410a
Max Design pressure (Discharge/Suction)	MPa	4.3/1.5	4.3/1.5	4.3/1.5
Refrigerant piping Gas/Liquid	inch	3/8 1/4	3/8 1/4	1/2 1/4
Max. refrigerant pipe length	m	15	15	20
Max. difference in level	m	8	8	10
Electrical Expansion Valve		Yes	Yes	Yes
Loading QTY 40" Hq/ 20"GP	Sets	200/85	200/85	175/75

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