




## DC off-grid Solar Air Conditioner

		X Series model			
Model No.		RC-12DC/XA	RC-18DC/XA	RC-24DC/XA	
Picture of Indoor Unit					
Power Supply	Solar Power	DC90-385V MAX.15A			
Cooling	Capacity	Btu/h	12000	18000	24000
	Inverter Capacity Range	Btu/h	3071-15200	3482-18800	4294-25500
	Power Input	KW	0.92	1.31	1.83
	Rated Current(AC)	A	3.98	5.1	8.1
	SEER		22	20	20
Heating	EER		13.0	13.0	13.0
	Capacity	Btu/h	13,170	18,470	25,650
	Inverter Capacity Range	Btu/h	3753-14500	4435-20600	5100-26900
	Power Input	KW	1.12	1.570	2.09
	Rated Current	A	4.40	7.1	9.1
	HSPF		11	10	11
	COP		13.0	13.0	13.0
	Dehumidification	pt/h	1.3L/h	1.9L/h	2.3L/h
Indoor Air Flow - (Hifen)		cfm	660	1080	1210
Indoor Noise dB(A) (Hifen)		dB(A)	68	45	47
Max Refrigeration Pipe Length		ftm	15	15	15
Max Refrigeration Pipe Rise/Fall		ftm	5	5	5
Max Elevation Difference			15	15	15
Design Pressure	psig	550 / 340	550 / 340	550 / 340	
Connection	Type	flare	flare	flare	
Connection Wiring	AWG	4*18AWG	4*18AWG	4*18AWG	
Operation temperature	Indoor (Cooling/Heating)	°F	60.8 - 89.6/ 60.8 - 89.6	60.8 - 89.6/ 60.8 - 89.6	60.8 - 89.6/ 60.8 - 89.6
	Indoor (Cooling/Heating)	°F	50 - 125.6/5-104	50 - 125.6/5-104	50 - 125.6/5-104
Indoor Unit	Dimension(W*D*H)	mm	895*203*350	1000*310*240	1130*320*245
	Packing(W*D*H)	mm	905*275*370	1075*310*285	1190*310*380
	NetGross Weight	kg	9/11	12.5/14.5	15.5/17.5
Outdoor Unit	Dimension(W*D*H)	mm	795*290*555	795*290*555	860*304*733
	Packing(W*D*H)	mm	910*400*630	910*400*630	1005*450*820
	NetGross Weight	kg	34.5/38.5	35/39	51/55
Approvals		CE/CB/GCC/ Performance Certified			
Container Load 20'/40'/45'FWQ		84/177/208	78/171/179	54/115/128	

Split Pared Solar **RECREATE**

Low energy consumption :  
SEER 20 ~ 23 (North America standard)



Wide operating temperature  
range : -10 °C to +52°C.



Designed in accordance with UL  
and SCA standard.



Design life more than  
"12 years - very long life"



Eco-Friendly R410a environment  
protection refrigerant.



Quiet Indoor Unit  
(As Low As 26dB)



Advanced variable angles air flow  
design increased air flow volume



0.1Hz low frequency running,  
low power consumption.

