



Hybrid Solar Air Conditioner



Model	HYBRID-ACDC12		HYBRID-ACDC18		HYBRID-ACDC24		
Capacity	Cooling	12,000Btu/ 1.5P/ 1.0Ton		18,000Btu/ 2.0P/ 1.5Ton		24,000Btu/ 3.0P/ 2.0Ton	
	Heating	12,000Btu/ 1.5P/ 1.0Ton		18,000Btu/ 2.0P/ 1.5Ton		24,000Btu/ 3.0P/ 2.0Ton	
Electric Data							
Power Input	Cooling	W	1000	1520	2450		
	Heating	W	920	1480	2360		
Rated Current	Cooling	A	4.6	7.1	11.4		
	Heating	A	4.2	6.72	10.8		
Power Supply	Ph,V,Hz		1Ph, 220V/50Hz	1Ph, 220V/50Hz	1Ph, 220V/50Hz		
	V		DC70-380V	DC70-380V	DC70-380V		
Performance							
EER	Cooling	W/W	3.5	3.36	2.93		
	Heating	W/W	3.8	3.45	3.05		
COP	Cooling	W/W	6.43	5.4	5.8		
	Heating	W/W	3.2	3.2	2.92		
Airflow	Indoor unit		M ³ /H	700	800	1100	
	Noise						
Noise	Indoor unit		dB(A)	24-37-41	30-42-45	38-44-46	
	Outdoor unit		dB(A)	52	54	56	
Dimonson & Weight							
Dimonson & Weight (Wx H x D)	Indoor unit		MM	890*322*215	890*322*215	1078*325*257	
	Outdoor unit		MM	797*556*336	874*559*353	989*715*400	
Body Dimension (Wx H x D)			MM	965*395*286	960*333*275	1169*405*366	
	Outdoor unit		MM	855*600*367	913*604*383	1039*780*468	
Net Weight	Indoor unit		KG	11/13	11/13	16/20	
	Outdoor unit		KG	25/28	31/34	44/49	
Loading Quantity (units only)							
40'HQ	PCS		230	230	123		
Swing(U&D, L&R)							
	/		U&D	U&D	U&D, L&R		
Liquid Quantity (R32)							
	KG		0.62	0.85	1.03		
Application Area	Cooling		16-22	15-30	35-45		
	Heating	M ²	16-22	15-30	33-40		

