

605117
STOCK CODE

Deye

DEYE SOLAR MULTI SPLIT SYSTEM—HYBRID ACDC



Hybrid Solar



Build in Solar MPPT



180° sine wave
controller technology



Auto restart



Max Efficiency
DC-driven



Preheat Function



Hybrid Solar



WIFI control



Energy Saving



100% Eco Up to
100% Saving in day time



Specification			27K	36K
DC INVERTER	Model		DW3B1-ACDC -27KR2 (EU)	DW4E1-ACDC -36KR2 (EU)
System Format			1 drive 3	1 drive 4
Power Supply AC		V/Ph/Hz	AC220-240/1/50	AC220-240/1/50
Power supply DC PV String Input Data	Voc		DC 100-410V	DC 100-400/1/50
	Max. PV (DC) Input Current (A)		14A	14+14A
	Max. PV ISC (A)		22A	22+22A
	No.of MPP Trackers		1	2
		No.of Strings per MPP Tracker	1	1
Capacity	Cooling	Btu/h	27000 (7800-29700)	35800 (8500-41300)
		kw	7.9 (2.3-8.70)	10.5 (2.5-12.1)
	Heating	Btu/h	28000 (8400-31000)	37500 (9100-41000)
		kw	8.2 (2.46-9.09)	11.0 (2.67-12.0)
Electric Data	Cooling Power Input	W	2440 (560-3400)	3250 (680-3750)
	Heating Power Input	W	2210 (560-3400)	2890 (530-3200)
	Rated Current (cooling)	A	10.72	14.28 A
	Rated Current (heating)	A	9.71	12.71 A
Performance	SEER/SCOP	W/W	6.1/4.0	6.15/4.0
	Energy Rate		A++/A+	A++/A+
	EER/COP	W/W	3.23/3.71	3.23/3.80
	Sound Pressure Noise Level	dB(A)	58	60
Dimension	Sound Power Noise Level	dB(A)	68	70
	Net (W*D*H)	mm	888x318x700	942*375*844
Weight	Packing (W*D*H)	mm	1006*418*755	1085*430*1035
	Net/Gross	kg	52.5/56.5	87/74
Piping	Liquid Side	mm(inch)	3x6.35 (1/4)	4x6.35 (1/4)
	Gas Side	mm(inch)	3x9.52 (3/8)	4x9.52 (3/8)
	Max.length for all rooms (m)	m	60	80
	Max.length for one IDU (m)	m	30	35
	Max.height difference between IDU and OU (m)	m	15	15
	Max.height difference between IDUs (m)	m	10	10
Ambient Temp (Cooling/Heating)		℃	-15-52℃/-15-24℃	-15-52℃/-15-24℃

Specification			9K	12K	18K	24K
Model	indoor		DMGA1-ACDC-09KR2(EU)	DMGA1-ACDC-12KR2(EU)	DMGA2-ACDC-18KR2(EU)	DMGA2-ACDC-24KR2(EU)
Capacity	Cooling	Btu/h	9000	12000	17100	24000
	Heating	Btu/h	9550	12300	17550	24000
Electric Data	Power Supply	V	DC 290-380V	DC 290-380V	DC 290-380V	DC 290-380V
	Power Input	W	20	20	50	64
Performance	Air Flow Volume	CFM	365	365	559	765
		m3/h	620	620	950	1300
	Sound Pressure Noise Level	dB(A)	42.5	42.5	46	50
Dimension	Net(W*H*D)	mm	840*205*295	840*205*295	952*310*231	1080*330*237
	Packing(W*H*D)	mm	920*290*360	920*290*360	1045*376*326	1140*382*300
Weight	Net	kg	9.5	9.5	12.0	15.0
	Gross	kg	11.8	11.8	15	17.5
Pipe Diameter	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)
	Drainage	mm	16.9	16.9	16.9	16.9



27 K Outdoor 3 Zones Indoor Maximum			
1 units	2 units	3 units	
18	12+12	9+9+9	
—	12+18	9+9+18	
—	18+18	12+12+12	

36K Outdoor 4 Zones Indoor Maximum			
2 units	3 units	4 units	
12+12	12+12+12	9+9+9+9	
12+18	12+12+18	12+12+12+12	
12+24	12+12+24	12+12+12+18	
18+18	—	12+12+12+24	
18+24	—	—	