

605117
STOCK CODE

Deye

Solar Air Conditioner



ACDC HYBRID



Hybrid Solar



DC Inverter



Wi-Fi control

Solar AC technology

Build in Solar MPPT



Intelligent control for detection and adjustment



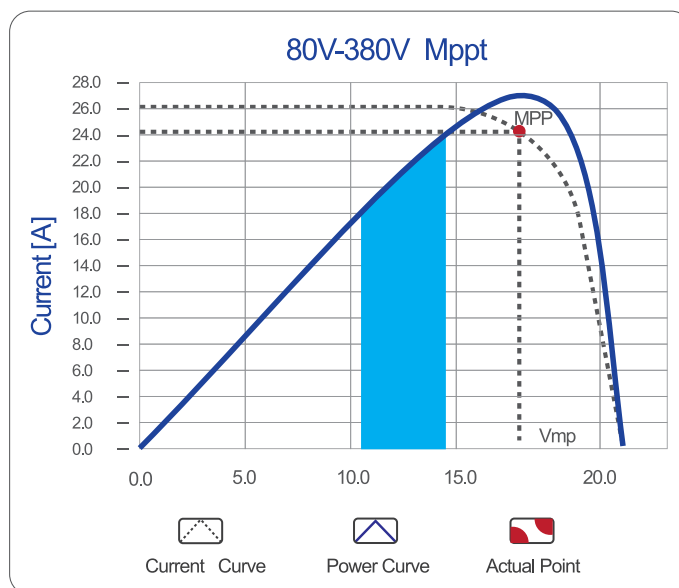
Efficiency:99.9%



DC to DC 0 convert lose



10+ years life design



SVPWM technology



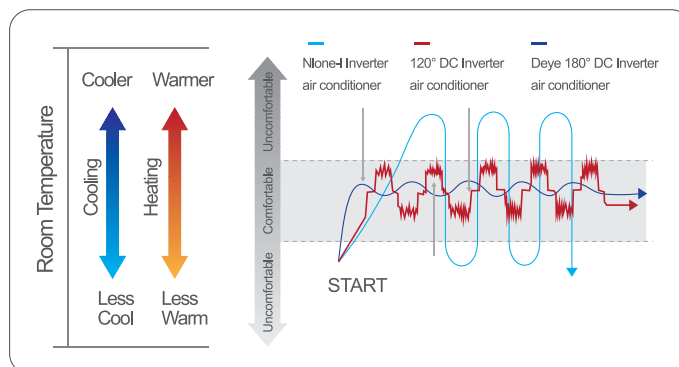
180° sine wave controller technology



Compressor ran below 0.1Hz



Operate during 50% voltage drop

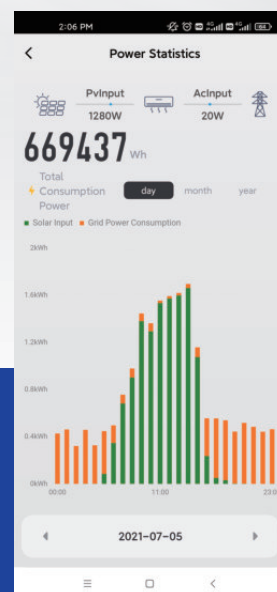
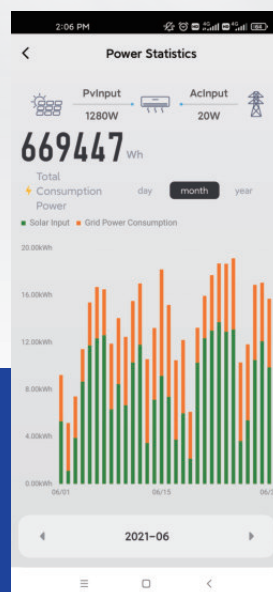
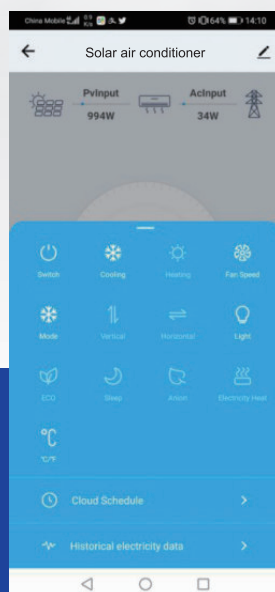
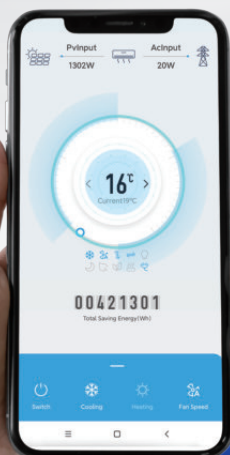


Solar AC advantage

ITEM	DEYE Hybrid Solar AC	Conventional Inverter
AC Power supply(220V 50/60HZ)	Y	Y
DC Power supply(80VDC-380VDC)	Y	N
AC+DC Mix Power	Y	N
No electricity works	Y	N
App smart control	Y	Depends
App smart power meter	Y	N
Soft power start	Y	N
Average Energy saving	60-100%	20%



Smart WiFi



Key components



Brushless DC fan motor



Twin Rotary DC Compressor



Intelligent Grid Indicator

WiFi Smart Control



Designed for end-user



Monitor unit make energy saving visible



Easy setting



Convenient & long range remote control



Technical Specifications

Tropical Applicable



Mode	/	DGWA5-ACDCBLW-12K 12000BTU	DGWA5-ACDCBLW-18K 18000BTU	DGWA6-ACDCBLW-24K 24000BTU
Power AC	Ph-V-Hz	208V-240V/50-60HZ	208V-240V/50-60HZ	208V-240V/50-60HZ
Power DC, PV, series connection	Max.PV Input Voltage(V)	380	380	410
	Start-up Voltage(V)	80	80	140
	MPPT Voltage Range(V)	75-360	75-360	120-360
	Full Load MPPT Voltage Range(V)	200-360	200-360	240-360
	Max.Input Short Circuit Current(A)	20	20	20
	Max.Operating PV InputCurrent(A)	13	13	15
	No.of MPP Trackers/No. of Strings per MPP Tracker	1/1	1/1	1/1
Cooling Capacity (T1)	BTU	12000(3000-13300)	17000(4100-18500)	22000(6100-25600)
Cooling power input (T1)	W	940(190-1270)	1465(220-1950)	1850(300-2600)
Heating Capacity	W	3600(900-3960)	5150(1500-5300)	7000(1800-7200)
Heating power input	W	940(180-1250)	1400(220-1450)	2030(340-2150)
EER	BTU/W	12.76	11.60	11.9
Indoor unit Dimension(WxHxD)	mm	840x205x295	950x310x230	1080x330x237
Indoor unit Packing(WxHxD)	mm	920x290x360	1045x376x326	1140x362x300
Outdoor unit Dimension (WxHxD)	mm	802x564x323	802x564x323	900x700x337
Outdoor unit Packing (WxHxD)	mm	910x622x405	910x622x405	1006x755x418



100% Eco

Up to 100% Saving in day time



Grid AC Power Limiter

Limit AC power from 0-300W



Savings

No Inverter battery, or Charger controller needed



Wide Operating Temperature

Temperature Range between -10 to +60°C



Max Efficiency

DC-driven



Auto Balance

AC/DC auto balance





Technical Specifications

Tropical Applicable



ACDC R32

Mode	/	DGWA5-ACDCBLW-12KR2 12000BTU	DGWA5-ACDCBLW-18KR2 18000BTU	DGWA6-ACDCBLW-24KR2 24000BTU
Power AC	Ph-V-Hz	208V-240V/50-60HZ	208V-240V/50-60HZ	208V-240V/50-60HZ
Power DC, PV, series connection	Max.PV Input Voltage(V)	380	380	410
	Start-up Voltage(V)	80	80	140
	MPPT Voltage Range(V)	75-360	75-360	120-360
	Full Load MPPT Voltage Range(V)	200-360	200-360	240-360
	Max.Input Short Circuit Current(A)	20	20	20
	Max.Operating PV InputCurrent(A)	13	13	15
	No.of MPP Trackers/No. of Strings per MPP Tracker	1/1	1/1	1/1
Cooling Capacity	W	3500(800~3900)	5150(1200~5600)	6400(1800~7800)
Cooling power input	W	920(140~1150)	1430(220~2000)	1690(340~2550)
Heating Capacity	W	4000(900~4400)	5150(1200~5300)	7030(1800~7800)
Heating power input	W	1020(150~1350)	1340(220~1450)	1780(320~2190)
EER	W/W	3.80	3.60	3.79
Indoor unit Dimension(WxHxD)	mm	840x205x295	950x310x230	1080x330x237
Indoor unit Packing(WxHxD)	mm	920x290x360	1045x376x326	1140x362x300
Outdoor unit Dimension (WxHxD)	mm	802x564x323	802x564x323	900x700x337
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