605117
STOCK CODE

Deye



Solar Air Conditioner

ACDC HYBRID

DC Inverter

WIFI control

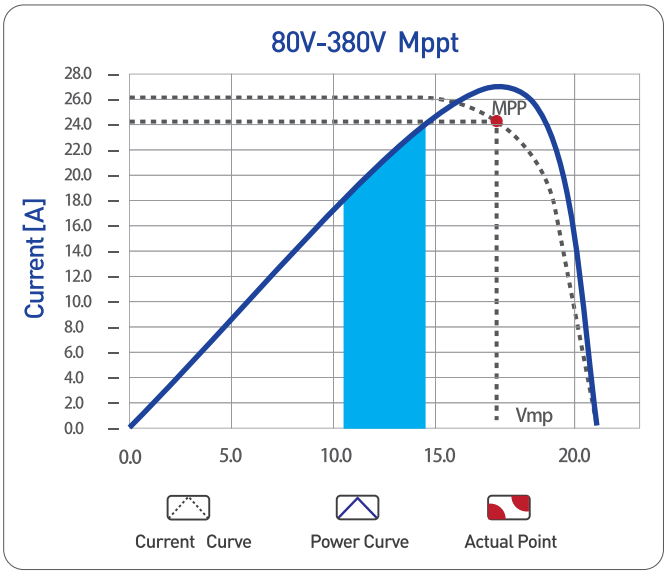
Hybrid Solar

CB CE

Solar AC technology

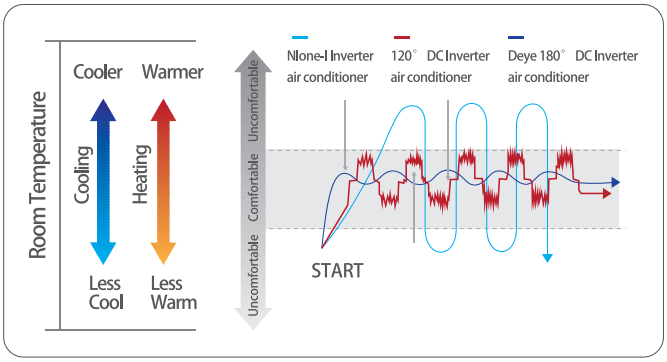
Build in Solar MPPT

- Intelligent control for detection and adjustment
- Efficiency:99.9%
- DC to DC 0 convert lose
- 10+ years life design



SVPWM technology

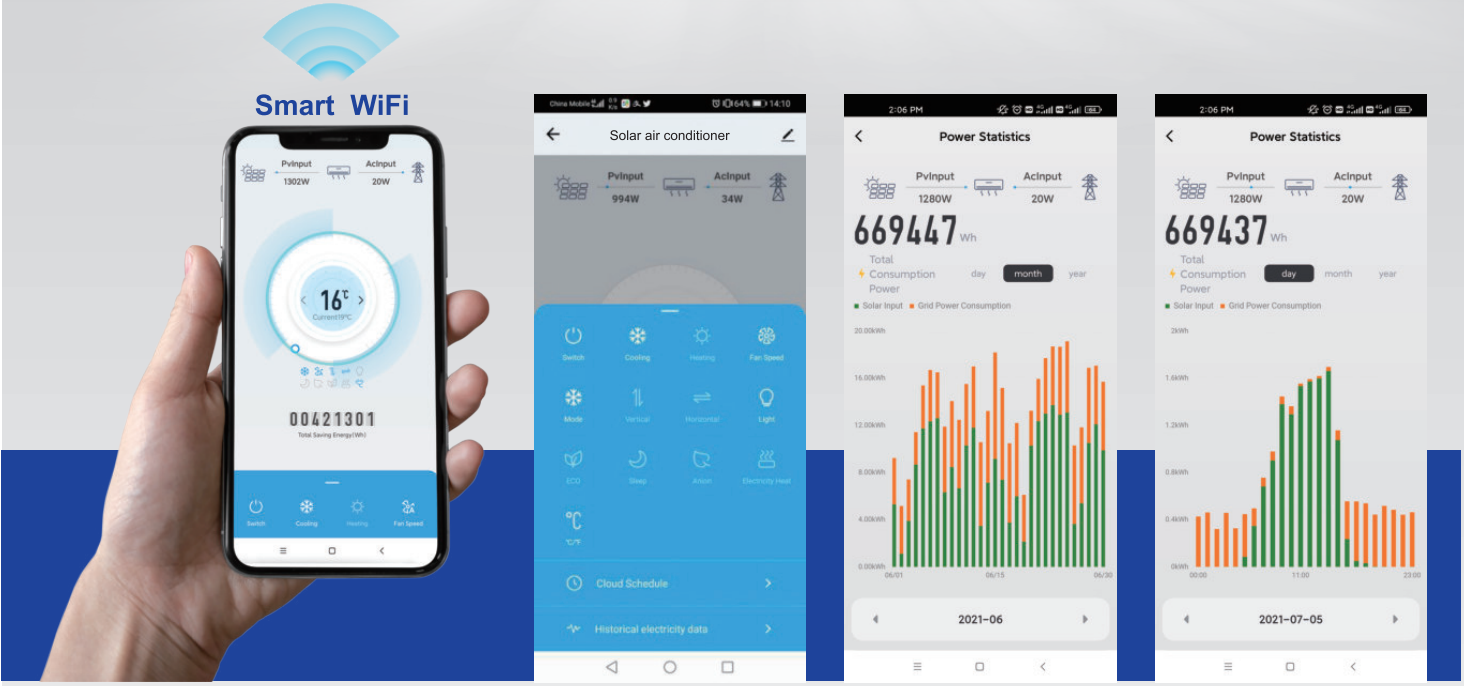
- 180° sine wave controller technology
- Compressor ran below 0.1Hz
- Operate during 50% voltage drop



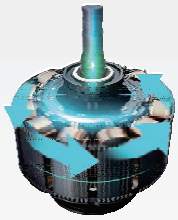
Solar AC advantage

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%





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 visable
- Easy setting
- Convenient & long range remote control

Technical Specifications

Tropical Applicable

ACDC R410A

Items	Unit	12000BTU	18000BTU	24000BTU
Mode	/	DGWA5-ACDCBLW-12K	DGWA5-ACDCBLW-18K	DGWA6-ACDCBLW-24K
Power DC，PV, series connection	VOC（V）	80~380	80~380	150~410
	ISC（A）	</=14A	</=14A	</=20A
Grid Power Voltage	V/Hz	208V~240V/50~60Hz	208V~240V/50~60Hz	208V~240V/50~60Hz
Cooling Capacity (T1)	BTU	12000(3000-13300)	17500(4100-18500)	22000(6100-27000)
Cooling power input (T1)	W	940(190-1270)	1510(220-1950)	1790(300~3200)
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	12.29
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% Savingin 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 Efficency
DC-driven

Auto Balance
AC/DC auto balance

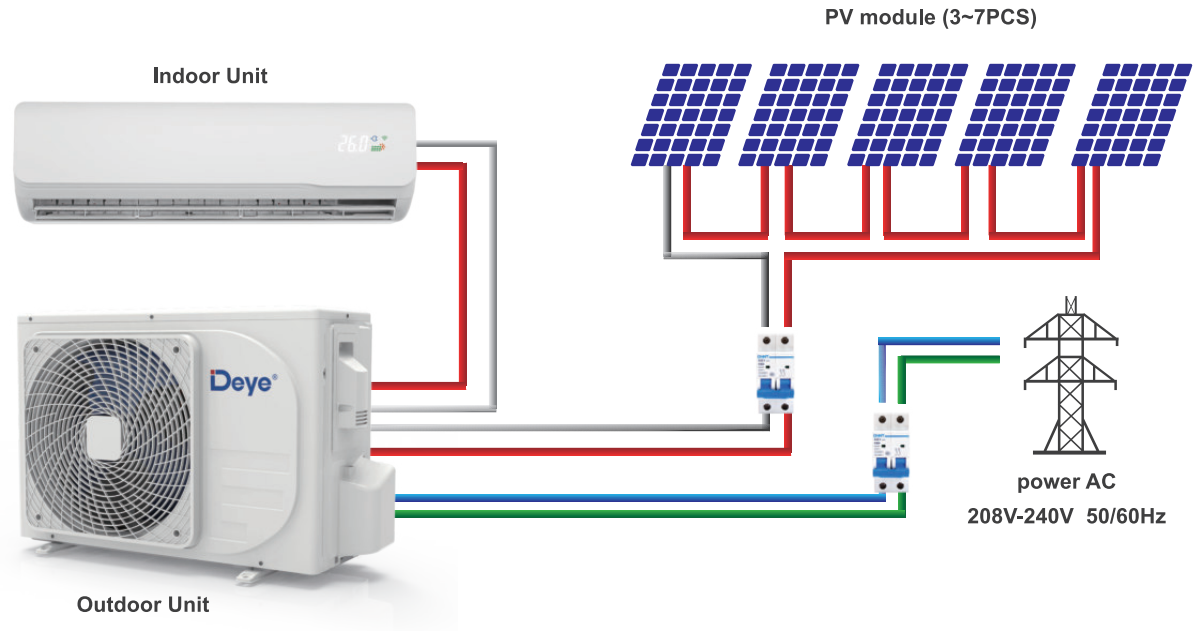


Technical Specifications

Tropical Applicable

ACDC R32

Items	Unit	12000BTU	18000BTU	24000BTU
Mode	/	DGWA5-ACDCBLW-12KR2	DGWA5-ACDCBLW-18KR2	DGWA6-ACDCBLW-24KR2
Power DC，PV, series connection	VOC（V）	80~380	80~380	150~410
	ISC（A）	</=14A	</=14A	</=20A
Grid Power Voltage	V/Hz	208V~240V/50~60Hz	208V~240V/50~60Hz	208V~240V/50~60Hz
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
Outdoor unit Packing (WxHxD)	mm	910x622x405	910x622x405	1006x755x418



Vision

To become an innovator and leader of the new energy inverter technology and core frequency conversion control technology

To make a leading brand in the high-end environmental appliance industry and a admirable brand in the air-conditioning heat exchanger industry.



Deye

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