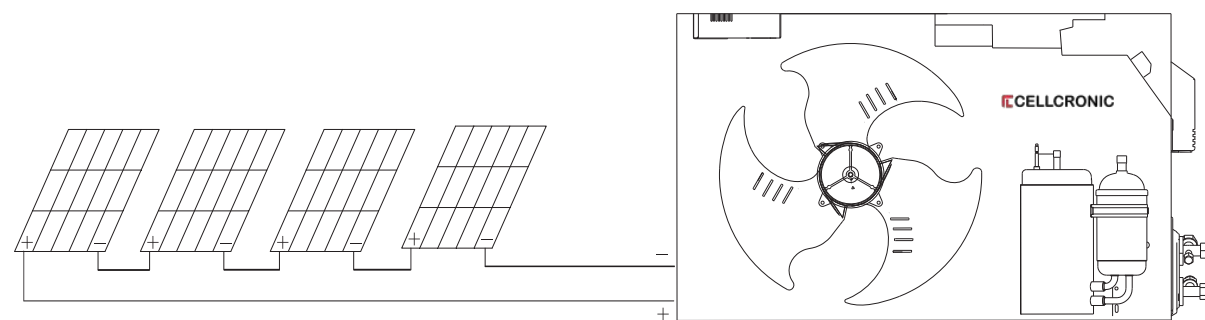
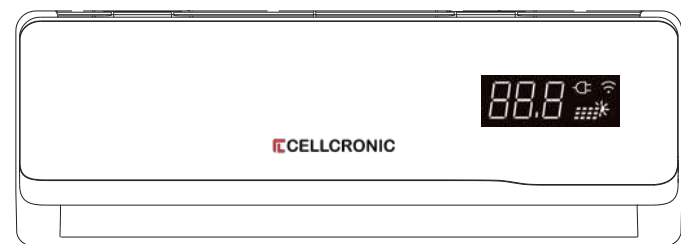


CELLCRONIC

Galaxy 7G Hybrid AC/DC Solar Air Conditioner



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Cellcronic Developed High End Technology in Aircondition Industry

"Quality That Matters"

We at Cellcronic are strong-willed in assisting our customers for their long term electronic requirements. We believe in building chain customers with our qualitative services and authenticity in products.

Cellcronic develop own new 180° sine wave DC inverter controller technology for inverter air conditioner, "SVPWM" which makes the compressor ran at low frequency below 0.1Hz, improve the utilization of the DC compressor by 13% compared with 120° DC inverter controller technology.

By 32% compared with Non-inverter air conditioner.

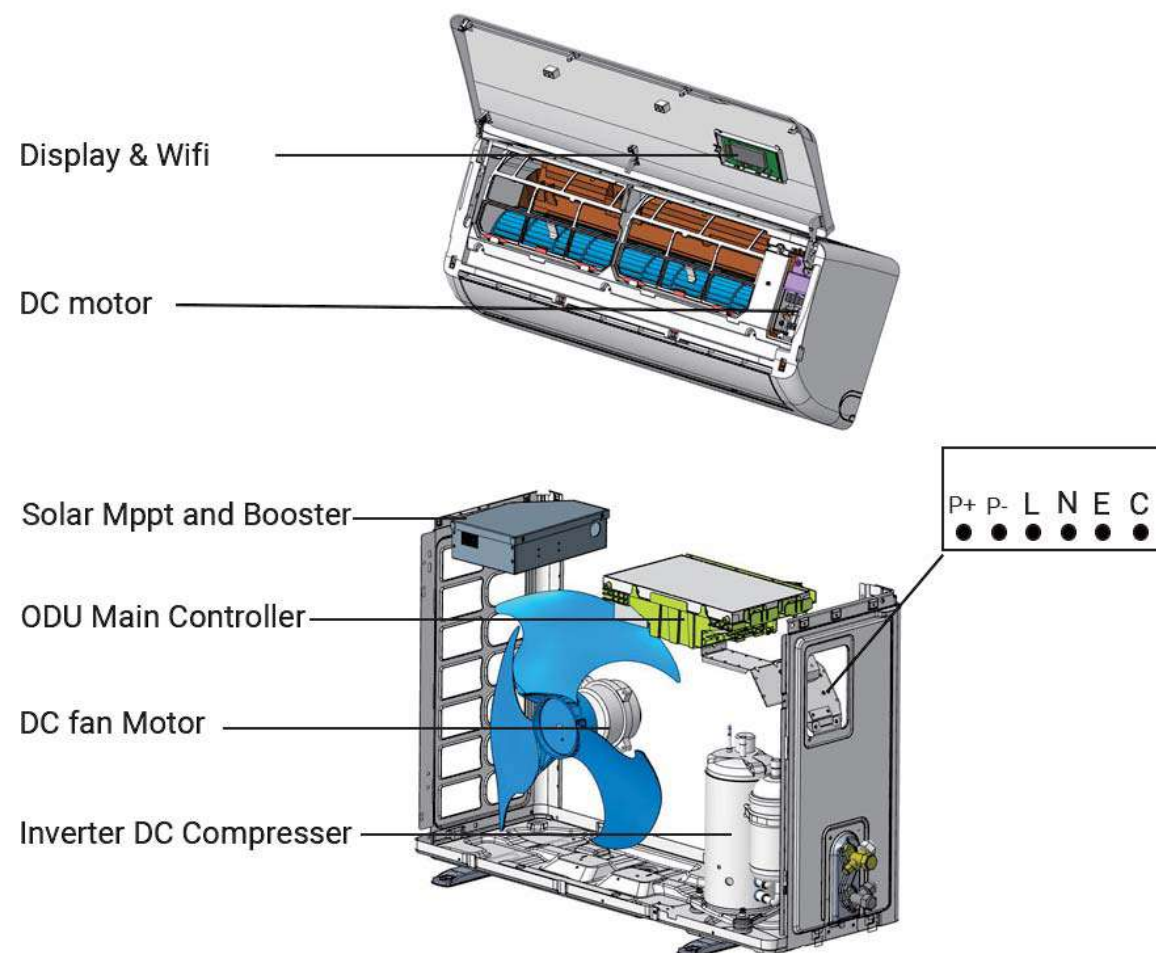
Our products are trustworthy for your workplace as well as for your homes.

We make sure that our products provide maximum user benefits and do not compromise with durability.

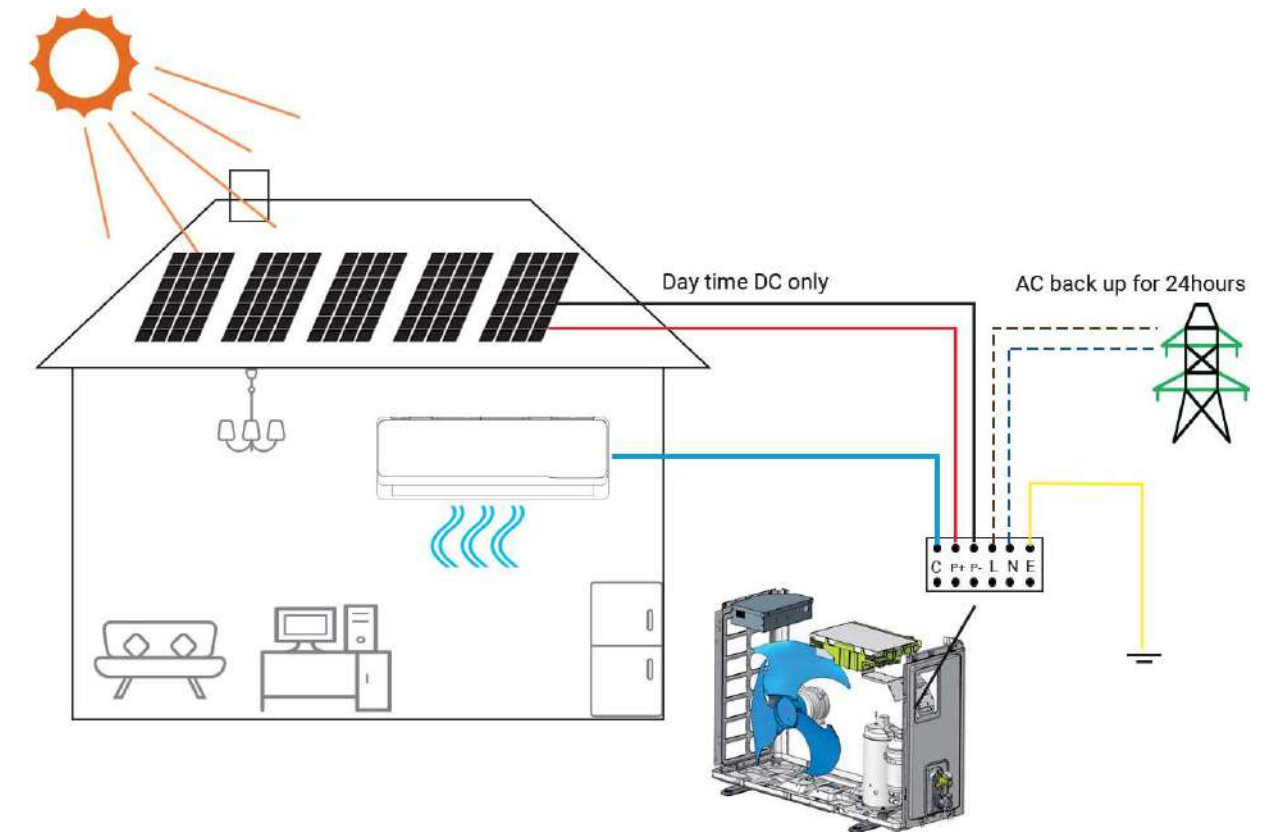
Galaxy 7G Hybrid AC/DC Solar Air Conditioner

Cellcron 7th generation hybrid ACDC solar air conditioner is based on full DC inverter air conditioner VRF technology. The main components of our unit is DC inverter compressor, DC fan motor, solar MPPT booster and inverter air conditioner controller.

The hybrid ACDC unit power supply from outdoor unit, it has MC4 connector P+/P- for DC solar panel directly power supply, it has (L/N/E for AC grid power supply. And indoor unit connect with outdoor unit by connection cable. Please check below structure design.

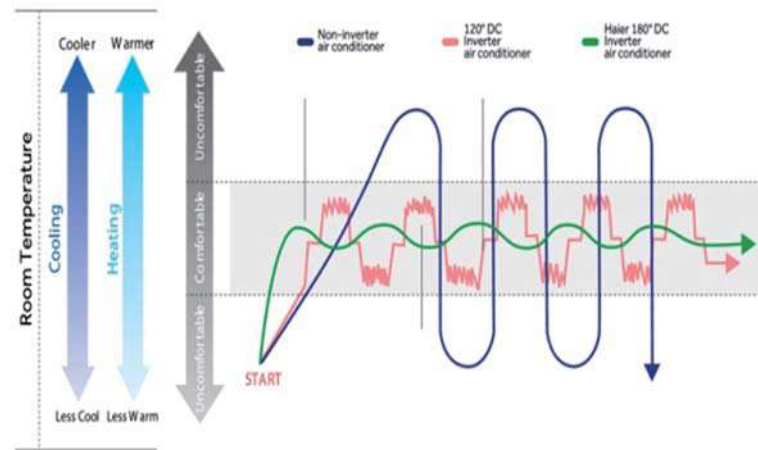


Galaxy 7G Hybrid AC/DC Solar Air Conditioner



Cellcron 7th generation hybrid ACDC solar air conditioner works with solar panel unstable DC power directly from 7am to 17pm day time with power minimum 250w, no need solar inverter, no need grid power, no need battery. Rainy day, it will work mix power AC+DC and priority from solar power. At night, it automatically get grid AC power same as DAIKIN high efficiency normal inverter air conditioner. The unit with WiFi function can be controlled anywhere through WiFi or Bluetooth, and App with DC power meter and AC power meter, you can fully check how much energy saving or using energy through APP smart power meter function.

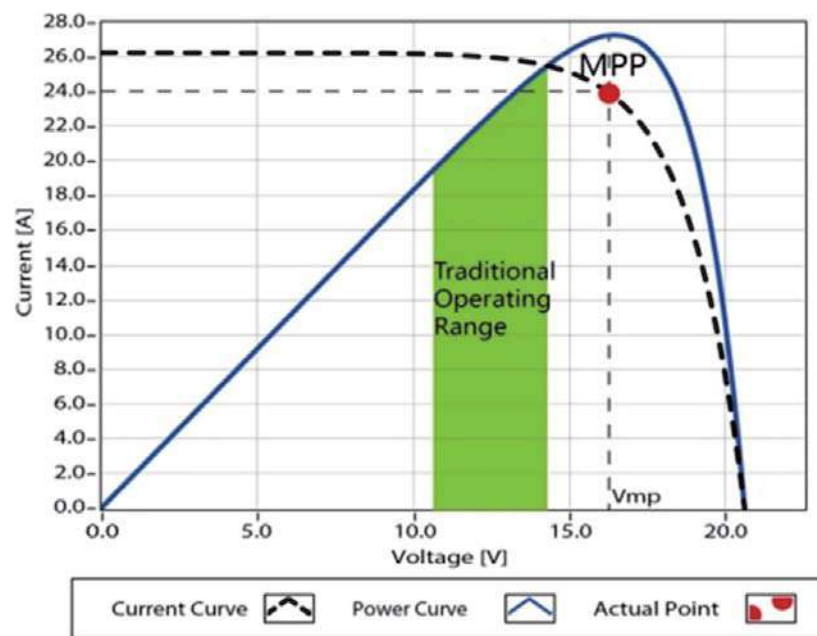
Galaxy 7G Hybrid AC/DC Solar Air Conditioner



Twin Rotary Compressor

Cellcronic have own 180° sinewave DC inverter controller technology for inverter air conditioner, “SVPWM” which makes the compressor ran at low frequency below 0.1Hz, improve the utilization of the DC compressor by 13% compared with 120° DC inverter controller technology. By 32% compared with Non-inverter air conditioner.

(Patent Number: ZL 2009 1 0127633.8)

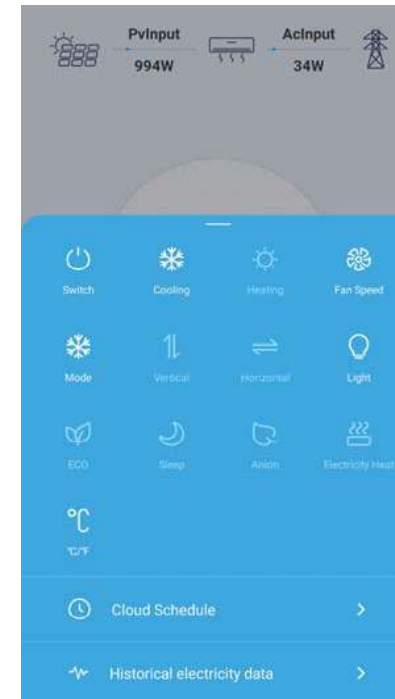


80V-380V Mppt

MPPT efficiency: 99.9%
DC to DC
0 convert lose
10+ years life design

Galaxy 7G Hybrid AC/DC Solar Air Conditioner

WiFi Smart Control



App power meter



Solar & Grid Indicator



Use WiFi or Bluetooth to control solar air conditioner anywhere.

Share device to your family member

Timer setting On & Off

Control multi devices in one APP

Check below data from App power meter:

DC power input

AC power input

Total saving by solar

Total power using

Daily/Months/yearly power data

Solar Aircon



Scan QRCode for App smart control

Galaxy 7G Hybrid AC/DC Solar Air Conditioner



| Model | Solar panel In Series connection | QTY |
|---|----------------------------------|-----------------|
| DGWA1-ACDCBLW-12K WiFi 12000BTU/ 1.5P/ 1 Ton | | (280-400W) 4pcs |
| | | (400-500W) 3pcs |
| DGWA1-ACDCBLW-18K WiFi 18000BTU/ 2P/ 1.5 Ton | | (280-400W) 6pcs |
| | | (400-500W) 5pcs |
| DGWA1-ACDCBLW-24K WiFi 24000BTU/ 3P / 2 Ton | | (280-400W) 8pcs |
| | | (400-500W) 7pcs |

| Packing list | | |
|-----------------|------------------------|-----|
| Carton | Name | QTY |
| Indoor package | Indoor unit | 1 |
| | Remote controller | 1 |
| | Drain Pipe | 1 |
| | Installation manual | 1 |
| | user manual | 1 |
| | Hanger plate | 1 |
| | Indoor & Outdoor Cable | 1 |
| | Mc4 connector | 2 |
| | Accessory Bag | 1 |
| Outdoor package | Outdoor unit | 1 |
| | Copper connection Pipe | 2 |
| | Scotch tape | 1 |

Galaxy 7G Hybrid AC/DC Solar Air Conditioner

| Hybrid AC/DC Solar Air Conditioner | | | | | |
|--|------------------------------|-------------|-----------------------|-----------------------|-----------------------|
| MODEL | UNIT | | 12000 BTU (1 Ton) | 18000 BTU (1.5Ton) | 24000 BTU (2 Ton) |
| Power Supply | AC Power | Ph-V-Hz | 1Ph 208V-240V/50-60HZ | 1Ph 208V-240V/50-60HZ | 1Ph 208V-240V/50-60HZ |
| | DC Power (PV in Series) | V | 80-380V | 80-380V | 80-380V |
| | DC Power Current | A | <=12A | <=12A | <=12A |
| Advised Solar Panel | | Pcs | (3-4)*330W in series | (3-6)*330W in series | (3-8)*330W in series |
| Rated Cooling | Capacity | W | 3510(900-3900) | 5070(1200-6000) | 6450(1800-7900) |
| | | BTU | 12000(3000-13300) | 17300(4100-20400) | 22000(6100-27000) |
| | Power input | W | 940(190-1270) | 1400(220-2100) | 1790(300-3200) |
| Rated Heating | Capacity | W | 4100(1000-4500) | 6100(1200-6800) | 7800(1800-9100) |
| | | Power input | W | 1170(190-1700) | 1770(220-2500) |
| T1 EER (W/W)/(BTU/W) | | / | 3.75/12.75 | 3.60/12.35 | 3.60/12.30 |
| COP (W/W)/(BTU/W) | | / | 3.50/11.95 | 3.45/11.75 | 3.40/11.60 |
| Dehumidification capacity | | L/h | 1.3 | 1.7 | 2.5 |
| Compressor | Model | / | WHP04200 | WHP05600 | 5RD198 |
| | Type | / | 2xRotary Inverter | 2xRotary Inverter | 2xRotary Inverter |
| | Brand | / | Highly | Highly | Panasonic |
| Indoor fan motor | Model | | BLDC-15W | BLDC-45W | BLDC-45W |
| Indoor noise level (Turbo) | | dB(A) | 42.5 | 46 | 50 |
| Indoor unit | Dimension(W×H×D) | mm | 840×205×295 | 1080×330×237 | 1080×330×237 |
| | Packing (W×H×D) | mm | 920×290×360 | 1140×300×382 | 1140×300×382 |
| | Net weight/Gross weight | Kg | 9.0/12.5 | 15.0/18.5 | 15.0/18.5 |
| Outdoor fan motor | Model | / | BLDC-40W | BLDC-55W | BLDC-75W |
| Outdoor noise level | | dB(A) | 752 | 755 | 758 |
| Outdoor unit | Dimension(W×H×D) | mm | 802×564×323 | 802×564×323 | 900×700×337 |
| | Packing (W×H×D) | mm | 910×622×405 | 910×622×405 | 1006×755×418 |
| | Net/Gross weight | Kg | 33.5/37.5 | 37/42.0 | 50/54.5 |
| Refrigerant type | | / | R410A | R410A | R410A |
| Max Design pressure | | MPa | 4.3/1.5 | 4.3/1.5 | 4.3/1.5 |
| Refrigerant copper pipe | Gas side/Liquid side (inch) | inch | 3/8 1/4 | 1/2 1/4 | 1/2 1/4 |
| | Max. refrigerant pipe length | m | 15 | 20 | 25 |
| | Max. difference in level | m | 8 | 10 | 10 |
| Refrigerant connction copper pipe length | | m | 3 | 4 | 4 |
| Connection wire length | | m | 4 | 5 | 5 |
| Electronic Expansion Valve | | / | Yes | Yes | Yes |
| Loading QTY 40" Hq/ 20"GP | | Sets | 200/85 | 160/75 | 115/50 |