



# SunBreeze SOLAR ceiling fans

ATLANTS Sun Breeze automatic solar powered ceiling fan is a 24V DC ceiling fan, with this innovative kit, the solar panel is wired directly to the ceiling fan

Perfect for: sunroom, porch, pergola, gazebo, greenhouse, warehouse, cabins and anywhere else you want a breeze where AC power is not available or deficient

**Benefits:**

Renewable, sustainable energy source and long lasting solar PV technology.

Easy to install. Solar panel placement wherever the sun light is best.

Fan can be placed anywhere in your home or porch.

It is a solar dc ceiling fan with light for both cooling & lighting purpose; driven by high quality brushless dc motor, ensuring high efficiency & long lifespan; 5 variable speeds with remote control, providing natural cool soft wind by nature's free solar energy.

Designed with hybrid power supply system for all day running works by solar energy and grid power / battery power, allowing savings of up to 90%, coming as a super energy saving and latest environmental device.

**Great versatility and smart management of energy:**

**Option A: Solar ceiling fan with AC adapter for grid connection**

**Option B: Solar ceiling fan with battery**

In sunny daytime, the ceiling fan is running directly powered by solar panel.

In cloudy time, the ceiling fan keeps running powered both by solar panel and grid electricity or battery.

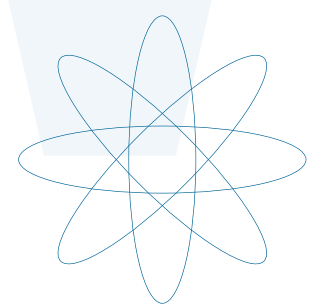
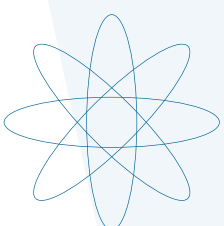
In night time, the ceiling fan continuously runs under grid electricity or battery power.

**Smart automatic link to backup power**

Equipped with smart controller inside, this solar ceiling fan with adapter / battery system always gives priority to utilise energy from solar panel to power the ceiling fan in sunny daytime, while makes automatic interaction to electrical supply / battery backup when sunlight is weak or at night.



**Non-stop working 24hours all day long**  
**2 optional running modes for all year use**  
**Smart switch to power, no manual operation**  
**Top-grade brushless DC motor with over 12 years design lifespan**  
**It can be installed anywhere and will working without electricity or during power cuts**  
**The SunBreeze is both for residential and commercial use, providing natural free cooling in dinning room, living room, courtyard, garage, basement, factory, warehouse, canteen, supermarket, coffee shop, meeting room, hotel room, restaurant....**  
**A super energy efficient & cost-effective ceiling fan**



# SunBreeze SOLAR ceiling fans



## 42 inch solar ceiling fan

REF. ATL-SF-DC42DC/AC **Option A) solar powered + AC power adapter + light**

**Powered by solar panel in day time, grid power involved when sunlight is weak or at night**

Ceiling Fan 42 inch (1067mm)  
 Solar Panel: 35W 25.5V polycrystalline solar panel adjustable with mounting base & bracket  
 Power Adapter: 36W 24V  
 Cable: 15m cable to connect fan & solar panel  
 Packing size Fan: 59x30x30cm, GW: 7KG  
 Solar panel: 52x52x5.5cm, GW: 6.5KG  
 (424pcs/20'GP, 910pcs/ 40' GP, 1038pcs/40'HQ)

REF. ATL-SF-DC42DC/B **Option B) solar powered + battery backup + light**

**Powered by solar panel in day time, battery backup when sunlight is weak or at night**

Ceiling Fan 42 inch (1067mm)  
 Solar Panel 70W (35W 26V + 35W 30V) polycrystalline solar panel  
 Battery 25.6V, 9.6AH, lithium iron phosphate. Battery last for 13h (fan running only)  
 Cable 15m cable to connect fan & solar panel  
 Packing size Fan: 59x30x30cm, GW: 7KG  
 Solar system: 77x 67x10cm, GW: 14KG

### 42" Fan performance

Blades 3 pcs, ABS  
 Boom 6 Inch (150mm)  
 Motor 18W 24V brushless DC (equal to AC80W )  
 Light 10W LED  
 Colour Black / White  
 Rotating Speed Adjustable 5 Speeds ( 60~300RPM )  
 Rotating Modes Forward summer and reverse winter modes  
 Remote Controller Remote control, PWM, 5 speeds, forward and reverse running, timing function

## 60 inch solar ceiling fan

REF. ATL-SF-DC60DC/AC **Option A) solar powered + AC power adapter + light**

**Powered by solar panel in day time, grid power involved when sunlight is weak or at night**

Ceiling Fan 60 inch (1524mm)  
 Solar Panel 40W 25.5V polycrystalline solar panel adjustable  
 Power Adapter 40W 24V  
 Cable 15m cable to connect fan & solar panel  
 Packing size Fan: 68x30x30cm, GW: 11 KG  
 Solar panel: 52x51x5.5mm, GW: 7KG  
 (400pcs/20'GP, 860pcs/ 40' GP, 939pcs/40'HQ)

REF. ATL-SF-DC60DC/B **Option B) solar powered + battery backup + light**

**Powered by solar panel in day time, battery backup when sunlight is weak or at night**

Ceiling Fan 60 inch (1524mm)  
 Solar Panel 90W (40W 26V + 50W 30V) polycrystalline solar panel  
 Battery 25.6V, 9.6AH, lithium iron phosphate. Battery last 12.5h ( fan only)  
 Cable 15m cable to connect fan & solar panel  
 Packing size Fan: 68x30x30cm, GW: 11 KG  
 Solar system 90x67x10mm, GW: 15KG  
 (260pcs/20'GP, 528pcs/ 40' GP, 623pcs/40'HQ))

### 60" Fan performance

Boom 6 Inch (150mm)  
 Motor 20W 24V brushless DC (equal to AC80W )  
 Light 10W LED  
 Colour Black / White  
 Rotating Speed Adjustable 5 Speeds ( 60~220RPM )  
 Rotating Modes Forward summer and reverse winter modes  
 Remote Controller Remote control, PWM, 5 speeds, forward and reverse running, timing function



## —Key Accessory Atlants SunBreeze—

### Smart Power Controller

To be connected to the fan motor, led light and the power adapter or solar panel with battery.

Automatic detection & switchover

### Remote Controller

- Lamp on / off
- Fan on / off
- 5 speeds modes
- 2 running modes: forward / reversal
- Time setting: 1 / 2 / 4 / 8 hours

### AC / DC Dual Power Adapter

- When connected with a dual power adapter, the solar ceiling fan system can keep working for sunless periods, by having grid electricity involved as backup power.
- AC Input: 100-240V
- DC output: 24V 1.5A
- Wire: 6 meters long

### Solar Battery & panel

- Battery Type: lithium iron phosphate long lasting battery
- Appearance: inbuilt & integrated with solar panel
- Charge: charged by solar panel, with overcharge, over discharge, short circuit protection
- Capacity: 9.6Ah
- Operating temperature: -20~60°

The solar battery stores energy at day time as backup power. With solar battery, the solar ceiling fan system can keep working for sunless periods.

