

Solar Hybrid AC**Special feature of solar hybrid AC**

It can run on three power modes-

Hybrid

On hybrid mode it will simultaneously share power from the solar panel and main grid line (AC power). In this case if enough solar power is available, the ac will not consume any electric power from the main grid line (AC power). If the solar panels are not able to provide enough power for the AC to run, it will draw necessary power from the main grid line (AC power) in hybrid system.

On grid

On this mode, it is connected to a main grid line like an usual AC, without any solar panel.

Off grid

When off grid, The AC functions only depending on solar panels without any help from other sources, if solar panels are able to provide enough power. While running on off grid mode the AC will show "LS (Low Sun), if enough power is not being provided by the solar panels. And AC outdoor will turn off. This case is only applicable for the day.

Special feature

Alternate to solar panels, Battery bank which can provide sufficient power, can also be used to run the AC.

Special Remote Function

While running on cool mode, if ECO button is pressed twice, it will show the percentage of power that is being fed from the solar panels on the indoor units display for three seconds.

How to connect**Solar power**

DC positive and DC negative connection wire from the solar panel should be connected to outdoor unit with a MC4 connector and then power should be turned on.

Main grid power

AC power (AC power line, neutral, earthing) should be connected to outdoor unit by a 3-core power cable through a circuit breaker. Service cable connection.

Service cable connection

Service cable from outdoor unit should be connected to indoor unit with a 4-core wire containing DC positive, DC negative, signal and earthing connection.

Information related to power

Hybrid: - AC Voltage : 136V-290V
- DC Voltage : 48V-400V

* During hybrid operation, if power from solar panel is not sufficient, AC will draw necessary power from the AC power source.

On grid: AC Voltage : 136V-290V

Off grid : DC Voltage : 120V – 400V

* For off grid operation, sufficient solar panels should be installed to provide enough power to run the AC.