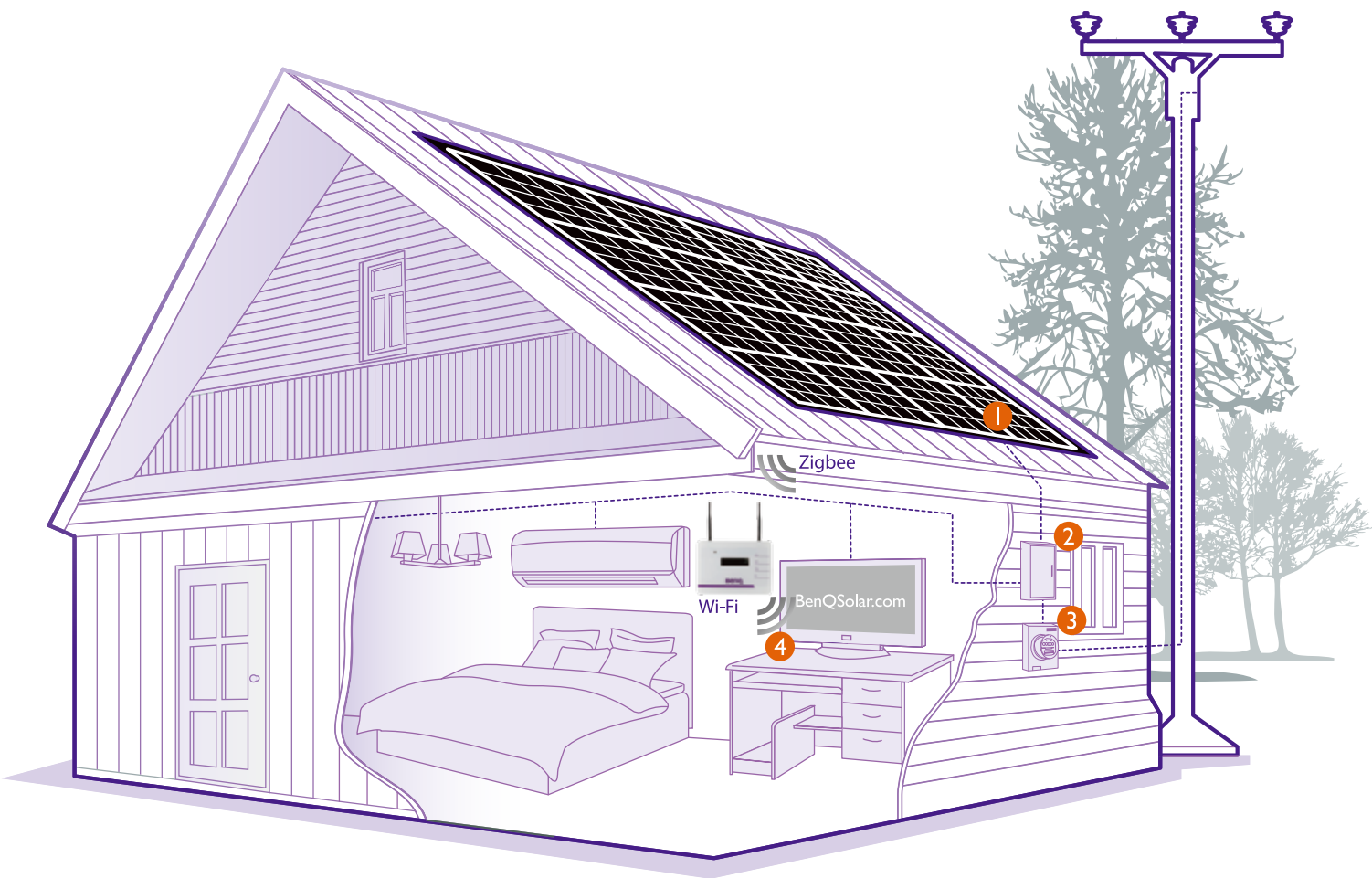
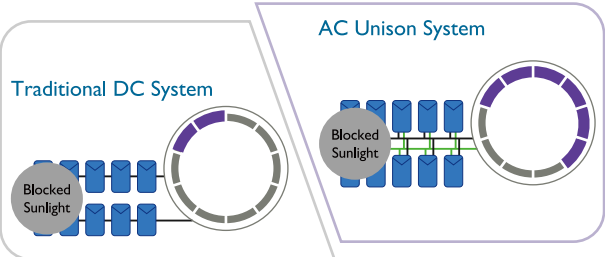


How BenQ Solar AC Unison Works



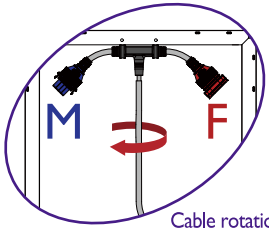
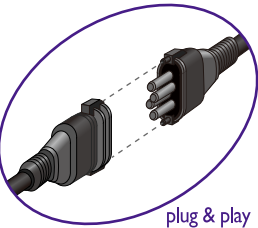
+20% High and Stable Energy Output
Our AC Unison system enhances the system power generation for more than 5% ~ 20% improvements when comparing with traditional DC system under partially shaded condition. The individual MPPT (Maximum Power Point Tracking) technology maximizes the system performance without additional cost.



Increased Safety
Our AC Unison system parallel connection design ensures low voltage generation on each PV module. Moreover, the Anti-islanding protection turns off the power production of modules when grid is down.



Quick Installation and Easy Maintenance
Our AC Unison system uses the “plug & play” unique AC embedded trunk cable design to reduce the installation time. Its 180 degree rotation method can also fit all directions with multiple array installations.



Solar Power System with AC Module

1 AC Module

Solar panels convert sunlight directly into AC electricity that is ready for use in your home or business.

2 Electric Panel Box

The clean electricity from the solar array connects to the building's electrical system at a dedicated circuit breaker.

3 Utility Meter

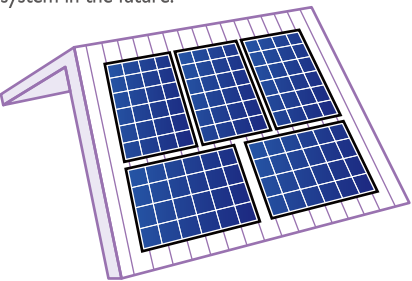
When solar electricity production is greater than the building's demand, the meter will run backwards. (Results may vary depending on meter types and local encourage program.)

4 Data Logger (CDD) & Monitoring System

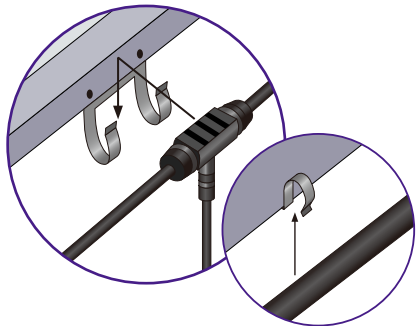
The Data Logger (CDD) allows you to track energy production and system performance through the BenQ Solar Web Portal.



Modular Flexibility
AC Unison offers more installation flexibility in system sizes and locations. You can start with a small system that is affordable to you then add more modules to the system in the future.



Industry-Leading Cable Management
Our AC Unison system offers the industry leading cable management solution to prevent all the cabling from hanging on the rooftop. Also can help owner to manage the cable layout for future maintenance.



Smart Monitoring System
The BenQ Solar Monitoring System provides the system owner with full access to comprehensive power information with graphical charts and historical data. It also offers the advanced features of PV-doctor diagnostic tool and System-alarm notification. You can check your AC Unison system information anytime, anywhere through the BenQ Solar Mobile APP on your smart phone.



Save Up to 60% Cabling Cost
The AC embedded trunk cable design of our AC Unison System can reduce up to 60% cabling usage cost compared with the traditional DC trunk cable design.

Save up to 60% on cabling cost

