3-phase String Inverter-FAQ

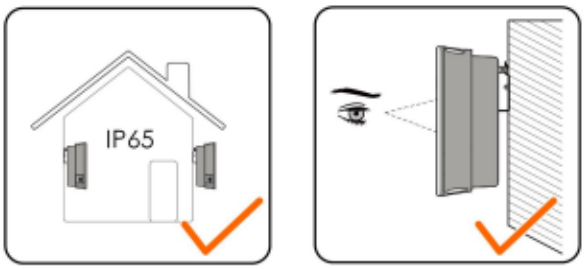
Installation requirements

Applicable to: 3-phase string inverters

Location Requirements:

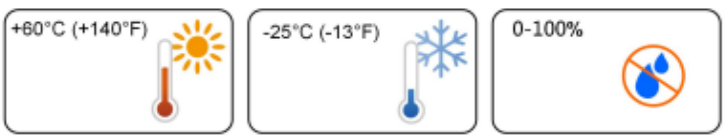
Select an optimal mounting location for safe operation, long service life and expected performance.

- The inverter with protection rating IP65 can be installed both indoors and outdoors.
- Install the inverter in a convenient place for electrical connection, operation and maintenance



Environment Requirements:

- The installation environment must be free of inflammable or explosive materials.
- The location should be not accessible to children.
- The ambient temperature and relative humidity must meet the following requirements.
- Avoid direct exposure to sun, rain and snow.
- The inverter should be well ventilated. Ensure air circulation.
- Never install the inverter in living areas. The inverter will generate noise during operation, affecting daily life.

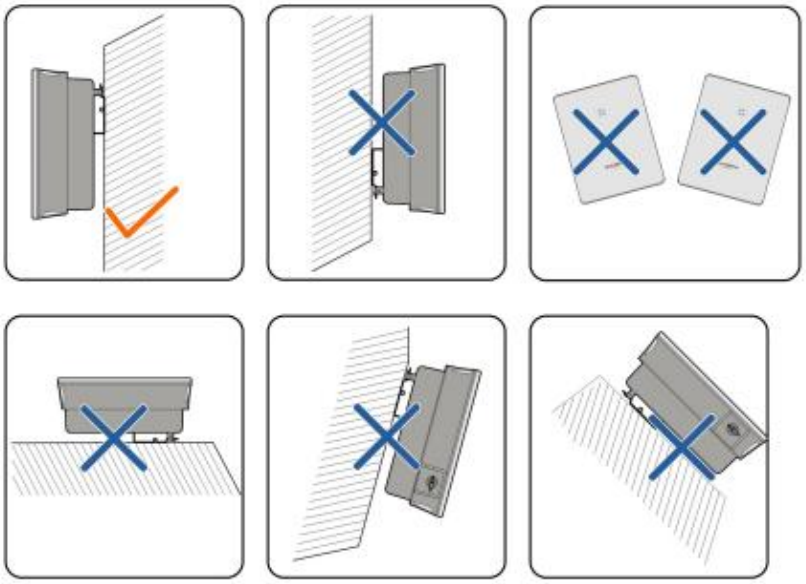


Carrier Requirements:

The concrete wall should be capable of withstanding a force of four times the weight of the inverter and be suitable for the dimensions of the inverter. The installation carrier should meet the following requirements:

Angle Requirements:

Install the inverter vertically. Never install the inverter horizontally, or at forward/ backward tilted, side tilted, or upside down.



Clearance Requirements:
Reserve enough clearance around the inverter to ensure sufficient space for heat dissipation.

In case of multiple inverters, reserve specific clearance between the inverters.

For further information, please download the user manual here.

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians.
The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.