

Inverter Quick Installation Guide

This installation guide is applicable to R5-0.7K~3K-S1, R5-3K~8K-S2 Grid-tied Inverter

1, Installation ways and gaps

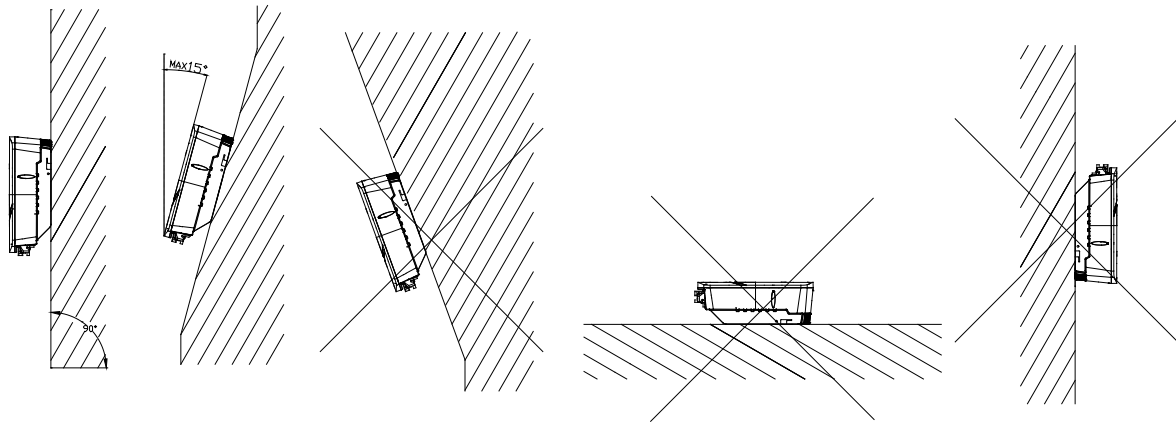


Fig. 1.1 Proper and wrong installation ways

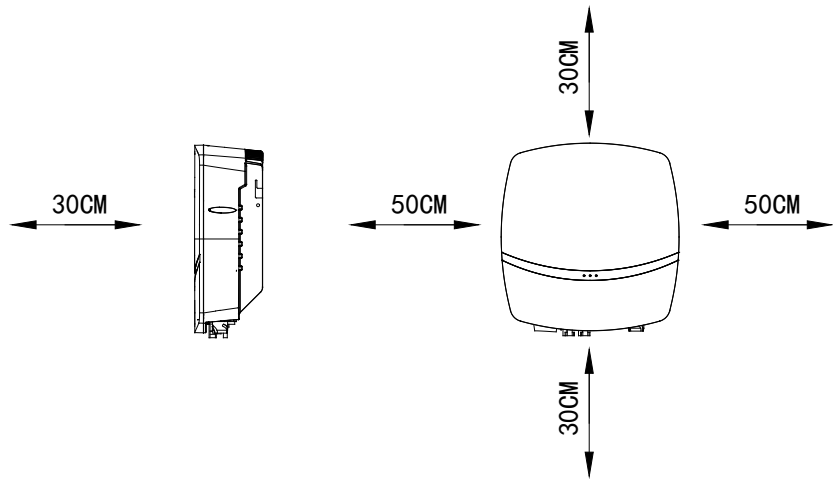


Fig. 1.2 Installation clearance

2, Hanging panel size and drill hole

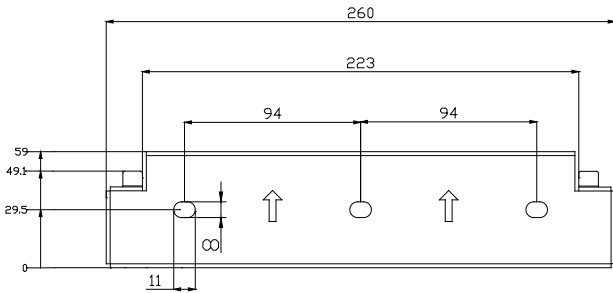


Fig. 2.1 Dimensions of rear panel of R5-0.7K/1K/1.5K/2K/2.5K/3K-S1

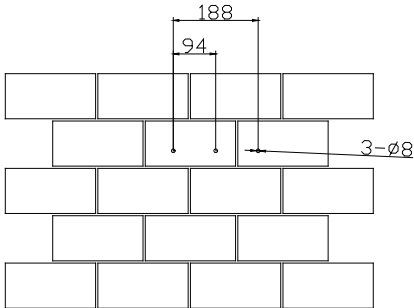


Fig. 2.2 Drill hole dimensions of R5-0.7K/1K/1.5K/2K/2.5K/3K-S1

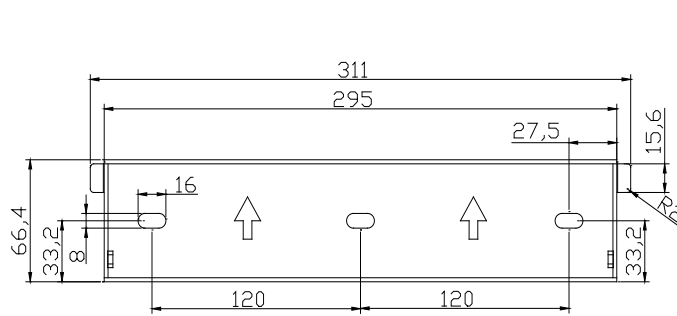


Fig. 2.3 Dimensions of rear panel of R5-3K/3.6K/4K/5K/6K-S2

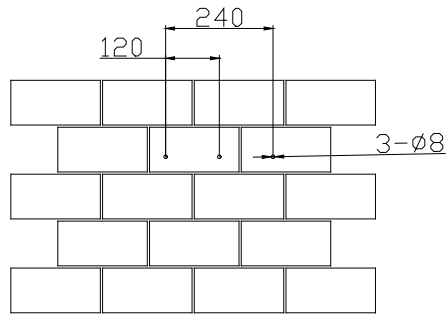


Fig. 2.4 Drill hole dimensions of R5-3K/3.6K/4K/5K/6K-S2

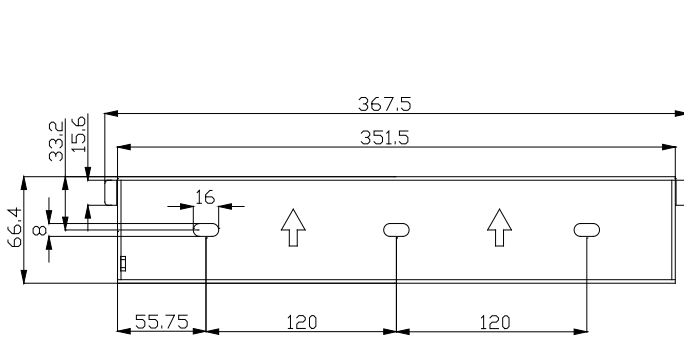


Fig. 2.5 Dimensions of rear panel of R5-7K/8K-S2

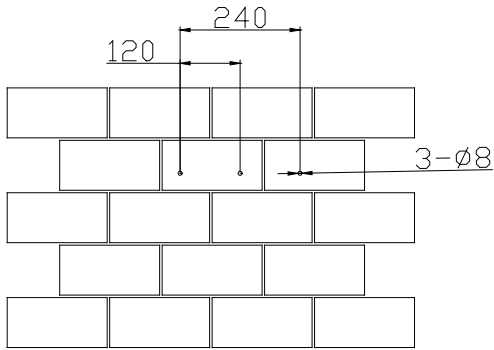


Fig. 2.6 Drill hole dimensions of R5-7K/8K-S2

3, Inverter installation

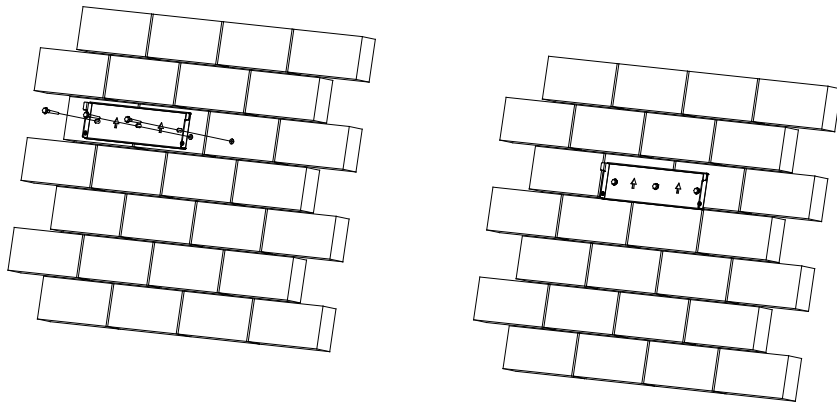


Fig. 3.1 Mount the hanging panel

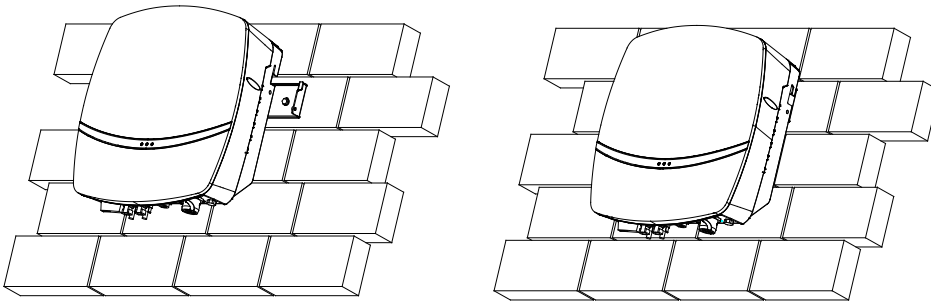


Fig. 3.2 Mount the inverter

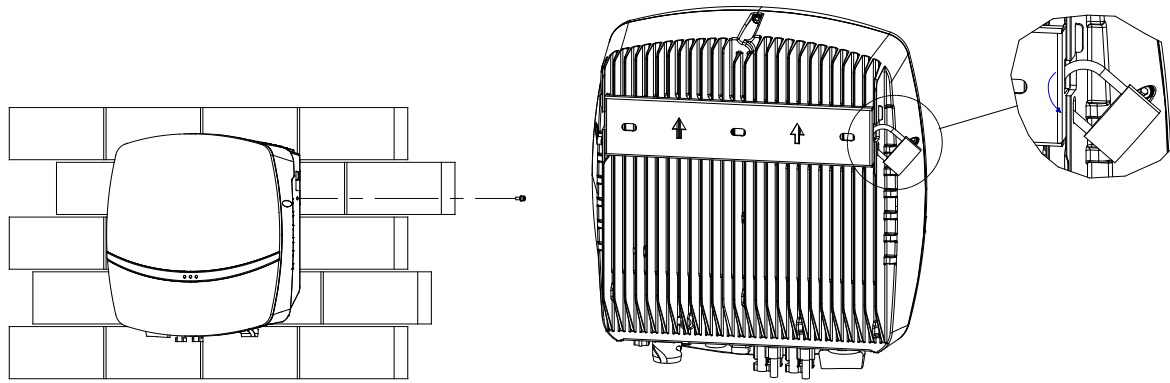


Fig. 3.3 Fasten the inverter and hanging panel with screws

Fig. 3.4 Install anti-theft lock

R5-7K/8K-S2 AC side electrical connection

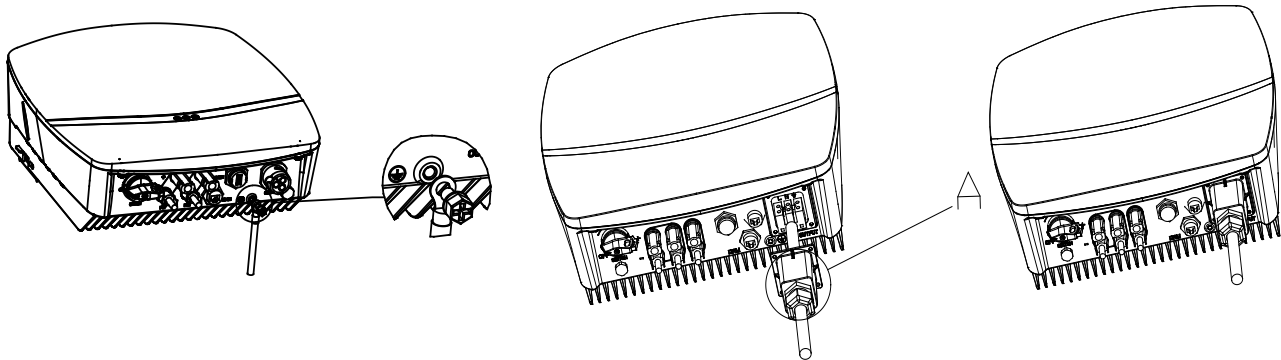


Fig. 4.6 Inverter ground protection

Fig 4.7 Connect the cable

Fig 4.8 Tighten up AC interface protection cover and locker

4, Power grid side electrical connection

Type	Wire cross sectional area recommended value/max. value (mm²)	External diameter (mm)
R5-0.7K/1K/1.5K/2K/2.5K/3K-S1 R5-3K/3.6K/4K/5K/6K-S2	4.0 /6.0	4.2~5.3
R5-7K/8K-S2	3X8.37/3X10	15~22

Table 4.1 AC side electrical connection

5, DC Side Connection

Cross-sectional Area of Cables (mm²)		Outside Diameter of the Cables (mm)
Scope	Recommended Value	
4.0-6.0	4.0	4.2-5.3

Table5.1Recommended Specifications of DC Cables

R5-0.7K/1K/1.5K/2K/2.5K/3K-S1,R5-3K/3.6K/4K/5K/6K-S2 AC side electrical connection

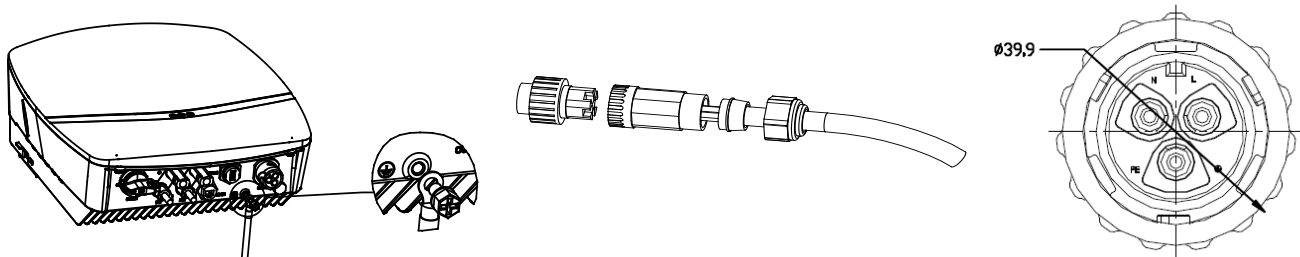


Fig. 4.1 Inverter ground protection

Fig. 4.2 Penetrate the cable

Fig. 4.3 Connect the cable as per the positions respectively

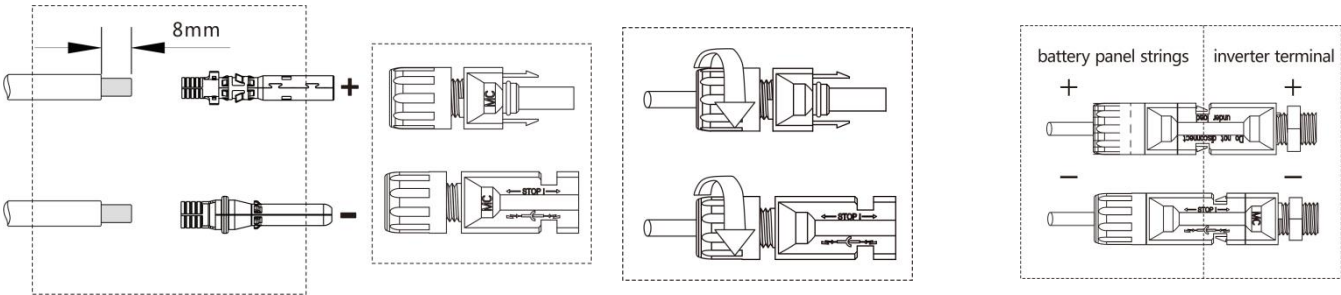


Fig. 5.1 Connect DC cable in a crimp-type way

Fig. 5.2Insert the joint and screw it up

Fig. 5.3 Connect to the inverter

6, Connect the communication modules



Fig. 4.4 Screw up the connector

Fig. 4.5 Connect the the inverter

Fig. 6.1 Connect the communication modules