

# SigenStor Home Maintenance Guide

Three-phase System

A1



**Version:02**

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## Revision History

Version	Date	Description
02	2024.05.31	Updated Chapter 1 Safety Precautions
01	2024.01.30	First official release.

# Overview

## Introduction

This document mainly introduces the maintenance of the devices in the SigenStor Home Three-phase system.

## Readers

This document is suitable for professionals.

## Sign Definition

The following signs may be used in the document to indicate security precautions or key information. Before installation and operation, familiarize yourself with signs and their definitions.

Signs	Definition
 <b>Danger</b>	Danger. Failure to comply may result in death or serious personal injury.
 <b>Warning</b>	Danger. Failure to comply may result in serious personal injury or property damage.
 <b>Caution</b>	Caution. Failure to comply may result in property damage.
<b>Tips</b>	Important or key information, and supplementary operation tips.

# Chapter 1 Safety Precautions

## Basic Information

Before installing, operating, and maintaining the equipment, familiarize yourself with this document.

The "Danger", "Warning", "Caution" items described in this manual are only supplementary to all precautions.

### **Danger**

Do not perform operations on the equipment with power on. Before operation, please make sure all power supplies to the equipment have been disconnected, including but not limited to the grid side, inverter and diesel generator power switches.

### **Caution**

- Trained or experienced electrical personnel are required to operate the equipment.
- Operators should be familiar with national/regional laws, regulations and standards, the structure and working principle of relevant systems.
- Please read carefully the operating requirements and precautions in this document and "*Important Notice*" before operating. Failure to do so may result in damage to the equipment that is not covered by the warranty.
- According to the packing list, check whether the components are complete and in good appearance. If any abnormality occurs, contact your sales agent in time.
- Check personal protective equipment and installation tools to ensure that they are complete; If not, please make them up.
- Please read the label instructions on the equipment carefully before operation.

# 1.1 Tool preparation

## Protective equipment



Safety hat



Safety glasses



Dust mask



Protective  
gloves



Insulating  
gloves

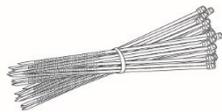


Insulating  
shoes

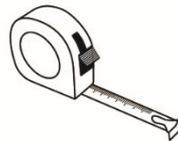
## Installation tool



Scissors



Cable tie



Tape measure



Insulation  
screwdriver set



Insulation sleeve  
set



Torque socket  
wrench

## 1.2 Label Description

Symbols	Definition
	<p><b>Danger! High Voltage</b></p> <p>High voltage exists inside the equipment when powered on. Do not open the casing when the equipment is running. Any maintenance or servicing operations must be performed by trained and skilled electrical engineers.</p>
	<p><b>Warning! Life at risk.</b></p> <p>The equipment has potential hazards after running. Take proper protection when operating the equipment.</p>
	<p>After the equipment is powered off, the discharge of internal components is delayed. Wait 10 minutes until the equipment is fully discharged according to the label time.</p>
	<p><b>Warning! Risk of burns.</b></p> <p>The surface of the heat dissipation area is hot when the equipment is running. Do not touch it to avoid burns.</p>
	<p>Please refer to the instructions to operate the equipment.</p>
	<p>Earthing mark</p>

# Chapter 2 Parts replacement

## 2.1 System power off

**1**

**2**

**3**

**ON/OFF**

Press and hold for more than 3s to turn off the power.

or

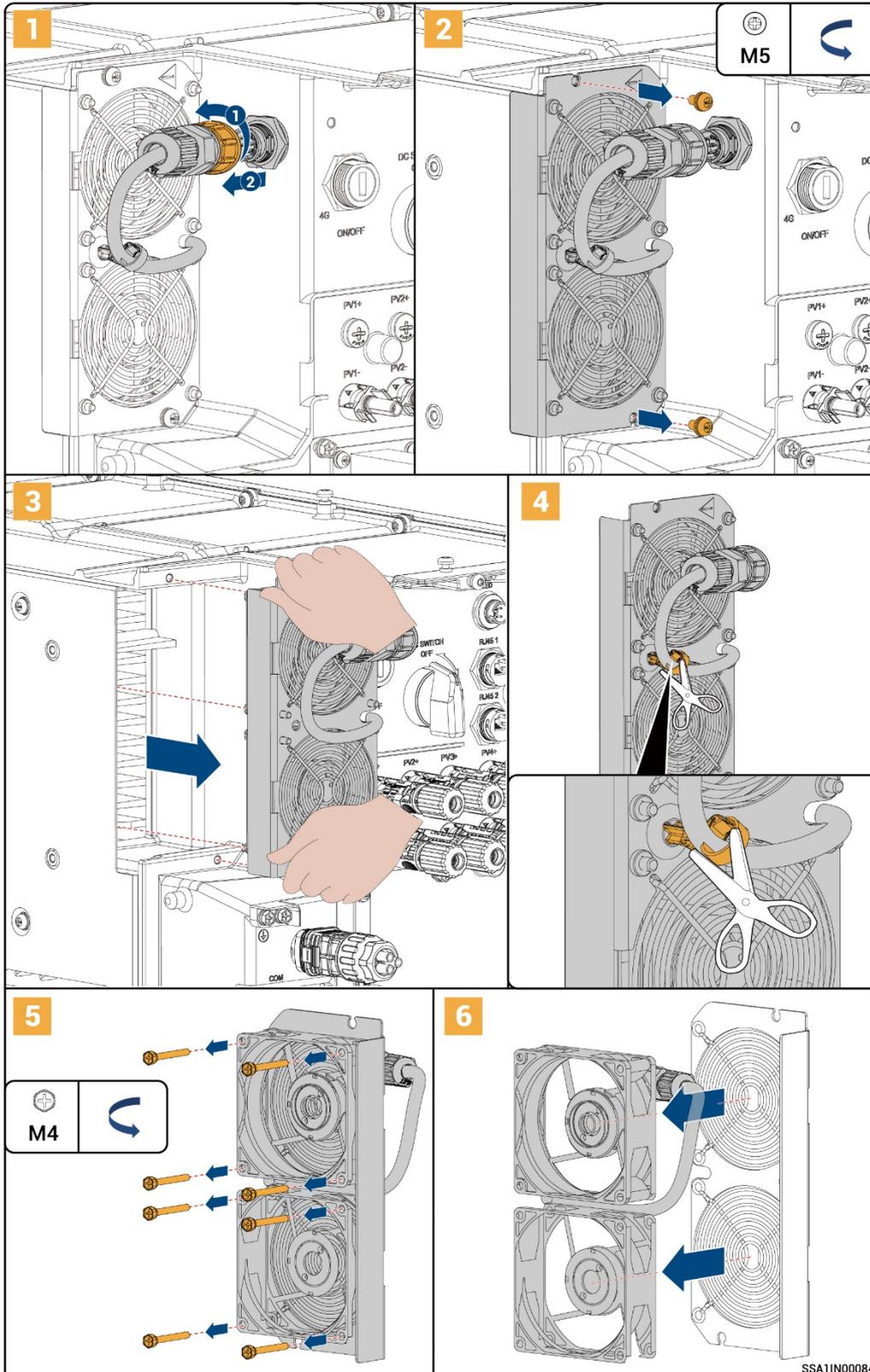
**DC SWITCH OFF**

**ON**

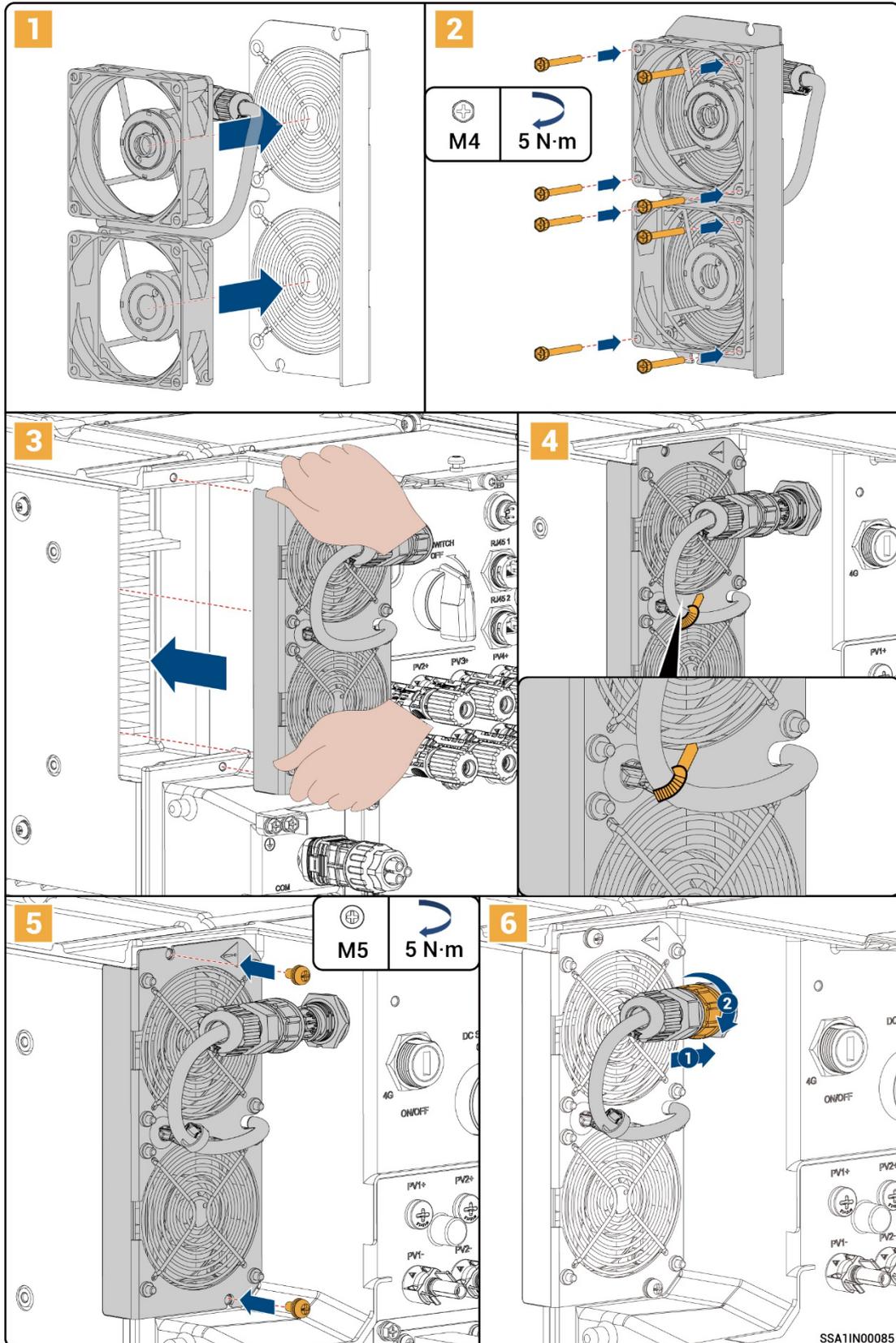
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## 2.2 Cooling fan replacement

### 2.2.1 Cooling fan removal

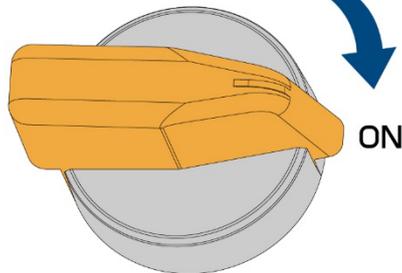


## 2.2.2 Cooling fan installation



## 2.3 System power on

**1** DC SWITCH OFF



**ON**

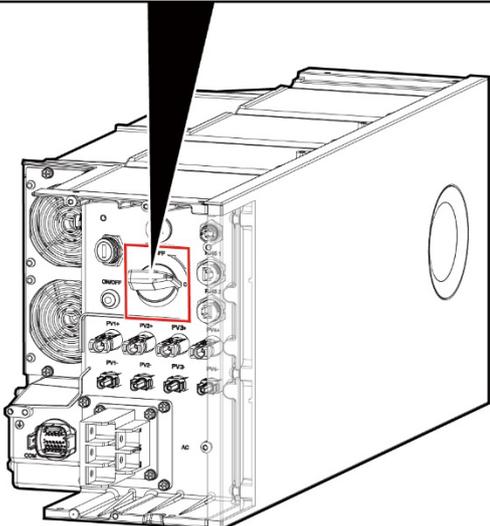
**2** ON/OFF

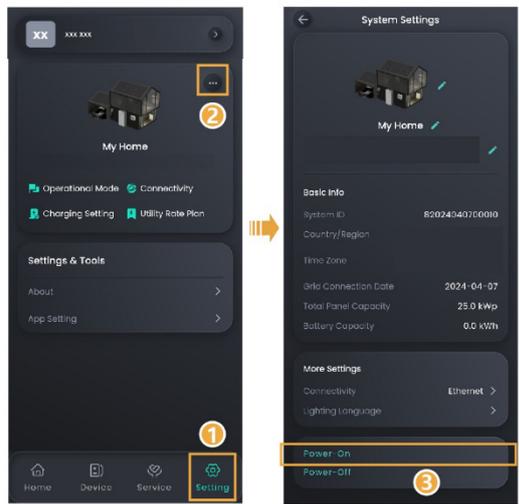


Press and hold for more than 3s to turn on the power.

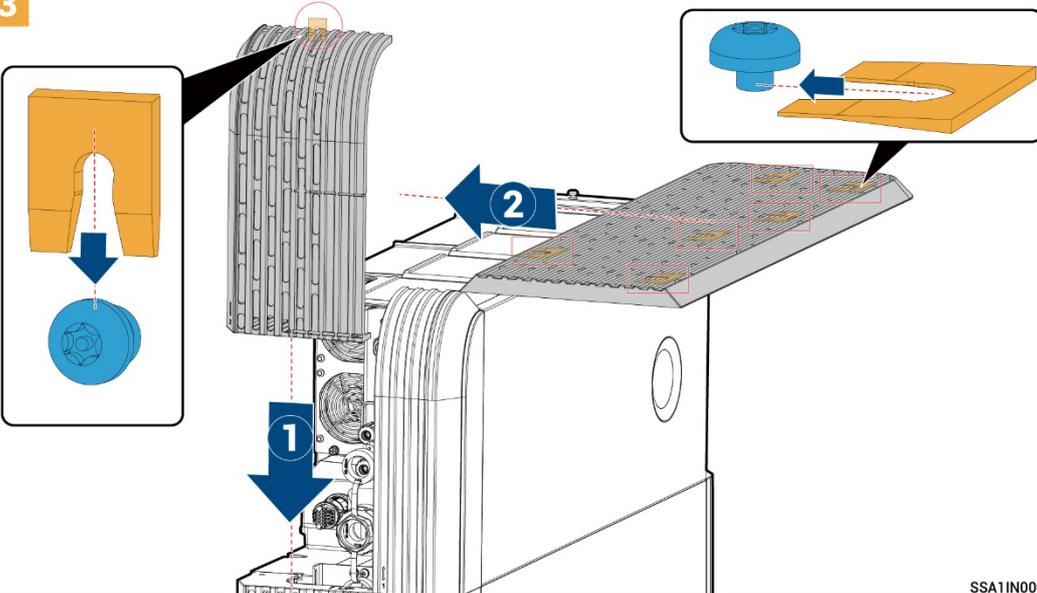
OR







**3**



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