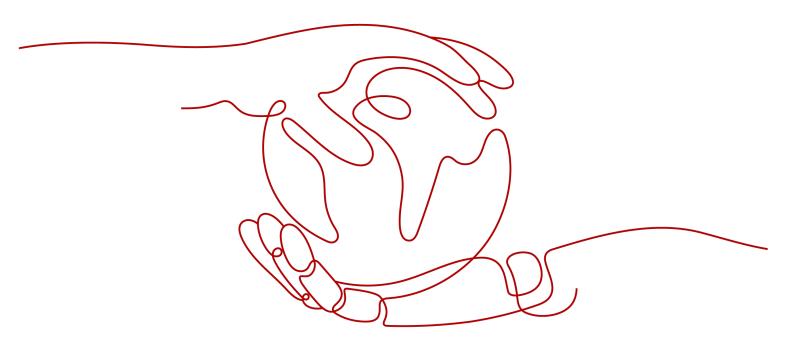
# How Do I Import Meteorological Data

**Issue** 01

**Date** 2025-03-20





#### Copyright © Huawei Digital Power Technologies Co., Ltd. 2025. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Digital Power Technologies Co., Ltd.

#### **Trademarks and Permissions**

HUAWEI and other Huawei trademarks are the property of Huawei Technologies Co., Ltd. All other trademarks and trade names mentioned in this document are the property of their respective holders.

#### **Notice**

The purchased products, services and features are stipulated by the contract made between Huawei Digital Power Technologies Co., Ltd. and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied. The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

### Huawei Digital Power Technologies Co., Ltd.

Address: Huawei Digital Power Antuoshan Headquarters

Futian, Shenzhen 518043

People's Republic of China

Website: <a href="https://digitalpower.huawei.com">https://digitalpower.huawei.com</a>

### **Contents**

1 How Do I Import Meteorological Data?.....1

## How Do I Import Meteorological Data?

In addition to the preset meteorological data, the SmartDesign also allows you to import meteorological data from other sources.

- 1. On the weather station, tap 1.
- 2. Select a data type and upload the corresponding data file. The file requirements are as follows:
- If **Solargis\_TMY\_60min** is selected, the TMY 60-minute P50 data file in .csv format can be uploaded. For details about the data format, see **Figure 1-1**.

**Figure 1-1** Solargis\_TMY\_60min data format

Day:Time:GHI:DNI:DIF:SE:SA:TEMP:WS:WD:WG:RH:AP:PWAT:PREC
1;0:30;0;0;0;-75.05;-164.88;4.9;0.8;317;2.7;92.2;959.1;10.2;0.0
1;1:30;0;0;0;-68.14;-125.66;4.6;0.8;306;2.9;91.8;958.7;10.2;0.0
1;2:30;0;0;0;-57.38;-106.05;4.1;0.8;297;3.2;90.1;958.5;10.1;0.0
1;3:30;0;0;0;-45.63;-94.20;4.0;0.8;297;3.2;87.6;958.4;10.1;0.0
1;4:30;0;0;0;-33.70;-85.13;3.9;0.8;297;3.1;85.2;958.2;10.2;0.0

• If **Meteonorm\_TMY3\_60min** is selected, the TMY3 data file in .csv format exported from Meteonorm can be uploaded. For details about the data format, see **Figure 1-2**.

Figure 1-2 Meteonorm\_TMY3\_60min data format



• If **Meteonorm\_defined\_60min** is selected, the user-defined data file in .csv format exported from Meteonorm can be uploaded. For details about the data format, see **Figure 1-3**.

**Figure 1-3** Meteonorm\_defined\_60min data format

2nd Valley	/ Forest			
-35.56	138.28	351	9	
y; m; dm;	h;G_Gh;G_E	h;G_Bn; T	a; FF; Az; hs	
2005; 1; 1; 1;0;0;0;26.6;3.0;-10.4; 0.0				
2005; 1; 1; 2;0;0;0;26.1;2.7;-25.5; 0.0				
2005; 1; 1; 3;0;0;0;25.7;2.7;-39.1; 0.0				
2005; 1; 1; 4;0;0;0;25.4;2.9;-50.2; 0.0				
2005; 1; 1; 5;1;1;0;25.3;2.4;-59.5; 0.0				
2005; 1; 1; 6;85;69;96;26.2;2.7;-68.2;9.4				