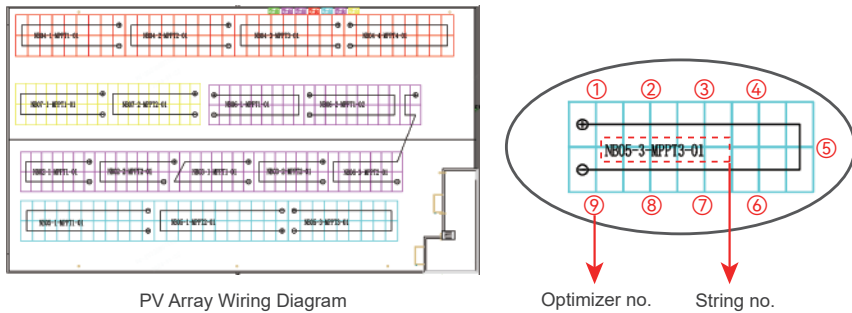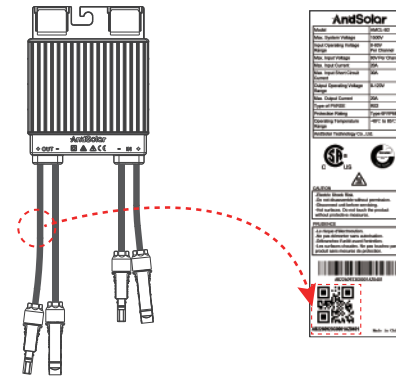# Physical Layout Template Usage Guide

1. Prepare the PV array wiring diagram. The diagram must include the string number and the corresponding PV position of each string, as per shown in the figure below. The QR codes from Optimizer label should be pasted to the physical layout diagram according to the order of string wiring, with each PV string correspond to only one physical layout template.

   At both ends of each string, appoint the Optimizer at the upper end of the string wiring diagram as number ① (if the two ends are on the same level, appoint the Optimizer at the left end as number ①), and then number them in sequence according to the direction of the string line, as shown in the figure below.

PV Array Wiring Diagram

Optimizer no.   String no.

Example of the location of Optimizer number ① in various string arrangement

2. Stick the QR code of the ADCU to the corresponding position on the Physical Layout Template; copy the string number on the PV Array Wiring Diagram to the corresponding position on the Physical Layout Template.

   (Note : each ADCU will have 10 QR Code Stickers)
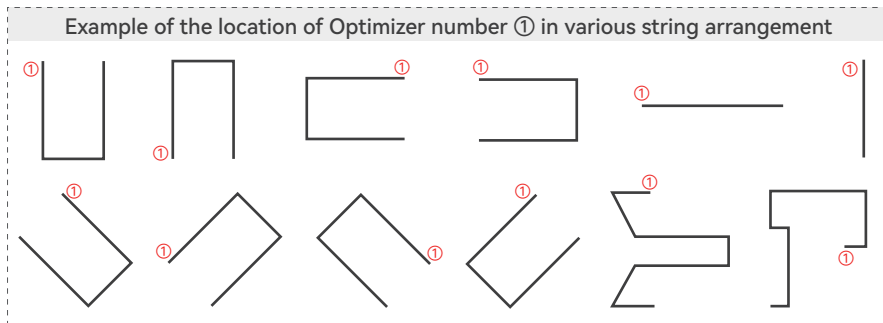
ADCU QR code spot

String no._____

3. If the PV module is connected to the Input Terminal 1(PV1) of the Optimizer, please peel off the QR code from the Optimizer label and stick it into the corresponding square of the Physical Layout Template.
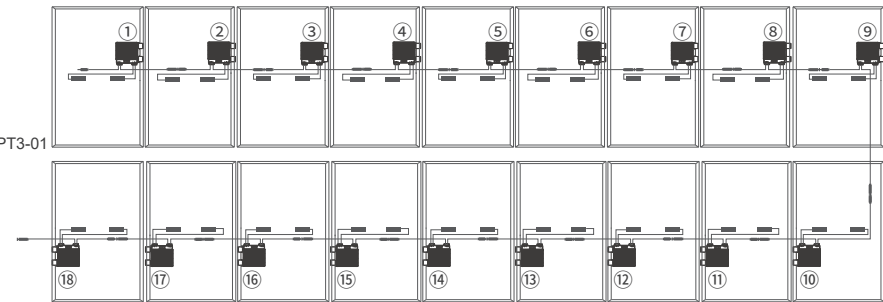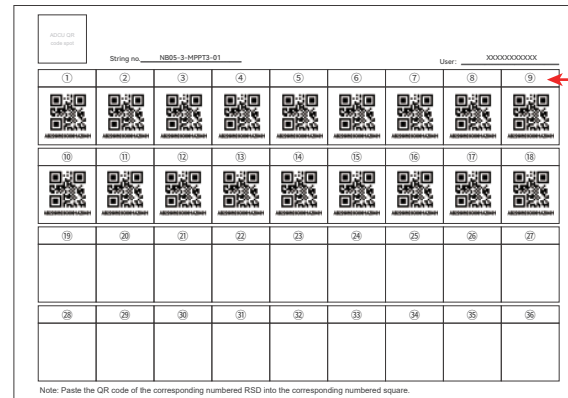

5. Upload the finished Physical Layout Template and corresponding PV Array Wiring Diagram to the AndSolar Cloud Platform APP.

PV String Arrangement Sample

At both ends of the string, A and B, appoint the Optimizer at the upper end of the string wiring diagram as number ① (if the two ends are on the same level, appoint the Optimizer at the left end as number ①)

String no.
NB05-3-MPPT3-01

Physical Layout Template Usage Examples

Optimizer no.

Note: Paste the QR code of the corresponding numbered RSD into the corresponding numbered square.

ADCU QR code spot

String no._____ **User:**_____

①	②	③	④	⑤	⑥	⑦	⑧	⑨

⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱

⑲	⑳	㉑	㉒	㉓	㉔	㉕	㉖	㉗

㉘	㉙	㉚	㉛	㉜	㉝	㉞	㉟	㊱

Note: Paste the QR code of the corresponding numbered Optimizer into the corresponding numbered square.