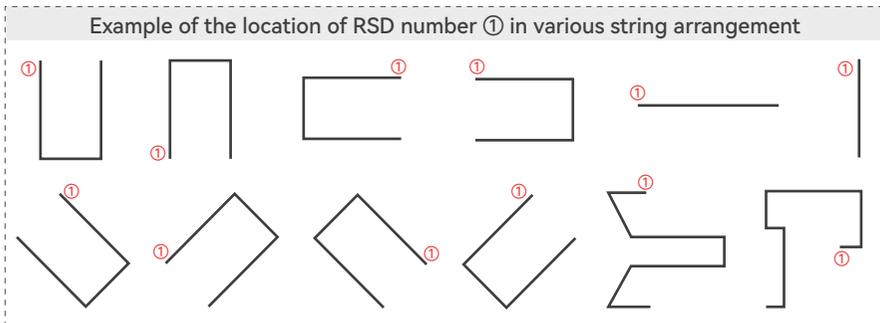
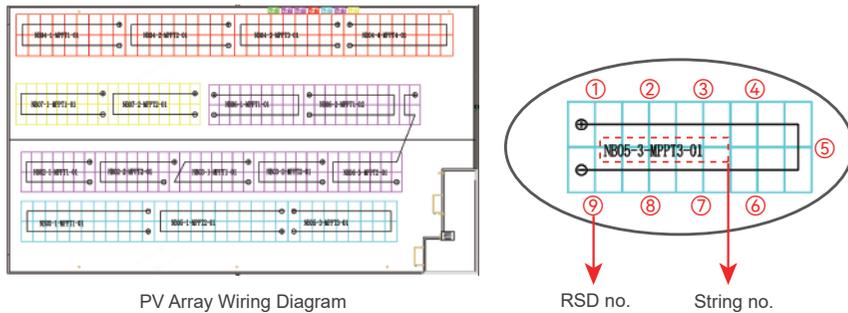


Physical Layout Template Usage Guide

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 RSD 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 RSD at the upper end of the string wiring diagram as number ① (if the two ends are on the same level, appoint the RSD 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.



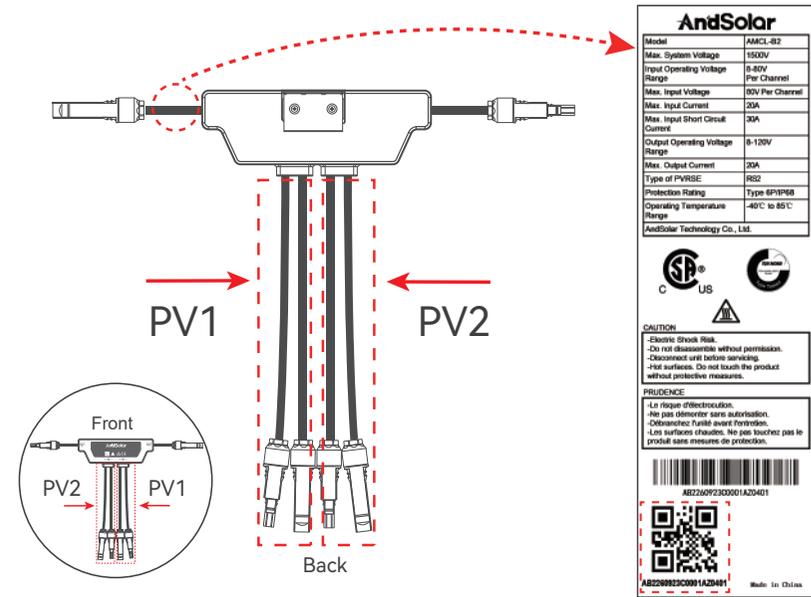
2. Stick the QR code of the ADCU to the corresponding position on the Physical Layout Template; copy the string number on the PV Array Wiring Diagram to the corresponding position on the Physical Layout Template.

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

ADCU QR code spot

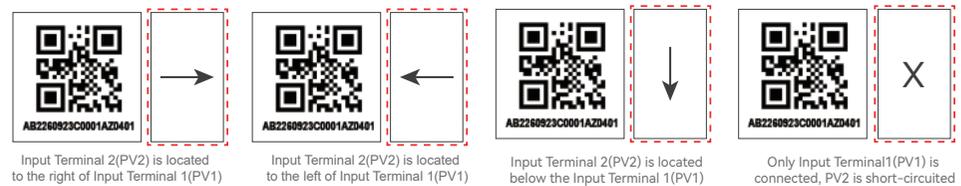
String no. _____

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



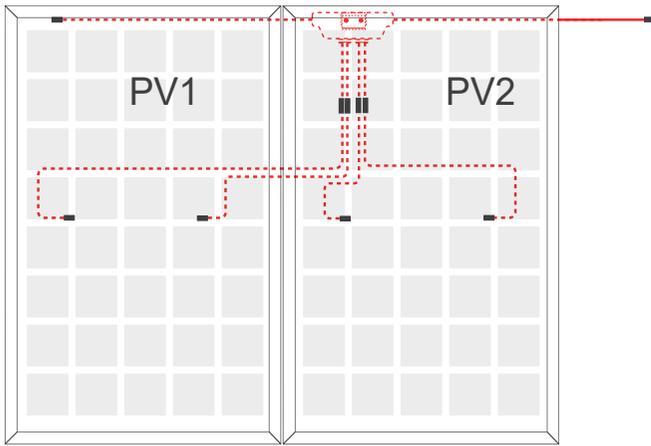
5. If the PV module is connected to the Input Terminal 2 (PV2) of the RSD, draw an arrow in the corresponding square. The arrow indicates the direction of the PV module connected to the PV2 input relative to the PV module connected to the PV1 input; If there is only one PV module, the Input terminal 1(PV1) input of the RSD must be connected to RSD, Input Terminal 2(PV2) must be short-circuited(connect positive and negative pole), and an "x" must be drawn in the blank square after it, as shown in the figure below.

(Note: Based on the front perspective view of the PV module)

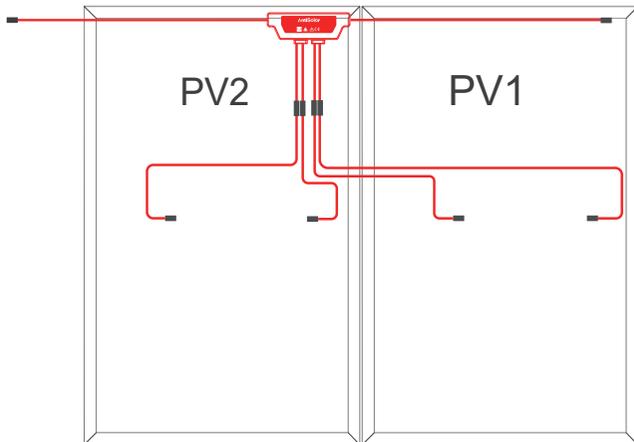


6. Upload the finished Physical Layout Template and corresponding PV Array Wiring Diagram to the AndSolar Cloud Platform APP.

Completed RSD Installation Drawing



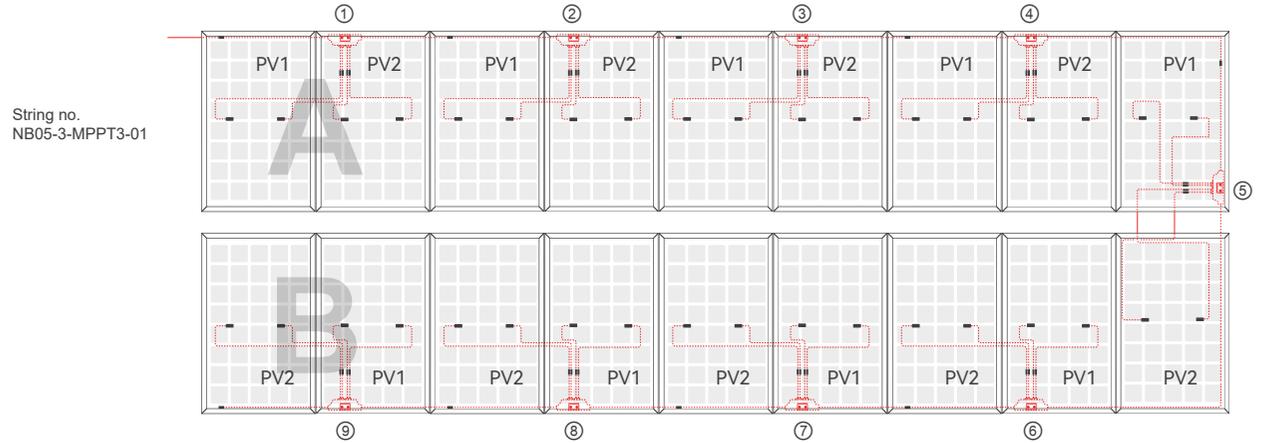
Front view



Back view

PV String Arrangement Sample

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



Physical Layout Template Usage Examples

ADCU QR code spot

String no. NB05-3-MPPT3-01

User: XXXXXXXXXX

①	②	③	④	⑤	⑥
 <small>AB2269823C0001AZB401</small>	→	 <small>AB2269823C0001AZB401</small>	→	 <small>AB2269823C0001AZB401</small>	→
 <small>AB2269823C0001AZB401</small>	→	 <small>AB2269823C0001AZB401</small>	→	 <small>AB2269823C0001AZB401</small>	→
 <small>AB2269823C0001AZB401</small>	←	 <small>AB2269823C0001AZB401</small>	←	 <small>AB2269823C0001AZB401</small>	←
⑦	⑧	⑨	⑩	⑪	⑫
 <small>AB2269823C0001AZB401</small>	←	 <small>AB2269823C0001AZB401</small>	←	 <small>AB2269823C0001AZB401</small>	←
⑬	⑭	⑮	⑯	⑰	⑱

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	

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