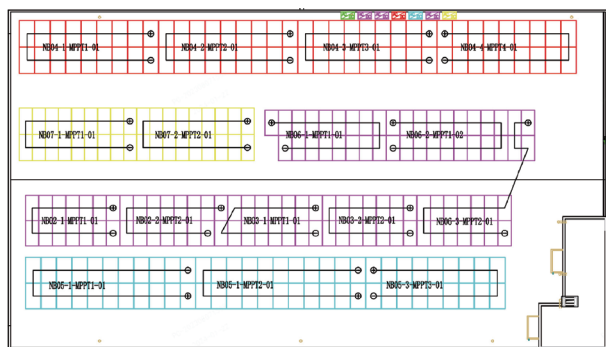


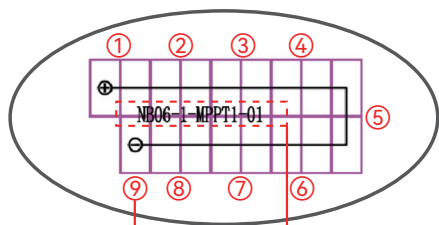
# Physical Layout Template Usage Guide

1. Prepare the PV array wiring drawing, which must include the inverter number, string number and the corresponding string position. The first Optimizer of each string is installed starting from the positive of the string, and the QR code of Optimizer should be pasted on QR Code Template in sequence.

**(Note: For all strings, the first Optimizer must start from the positive terminal, and the last one should be connected to the negative terminal.)**



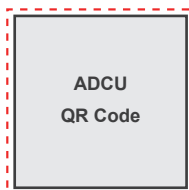
PV Array Wiring Diagram



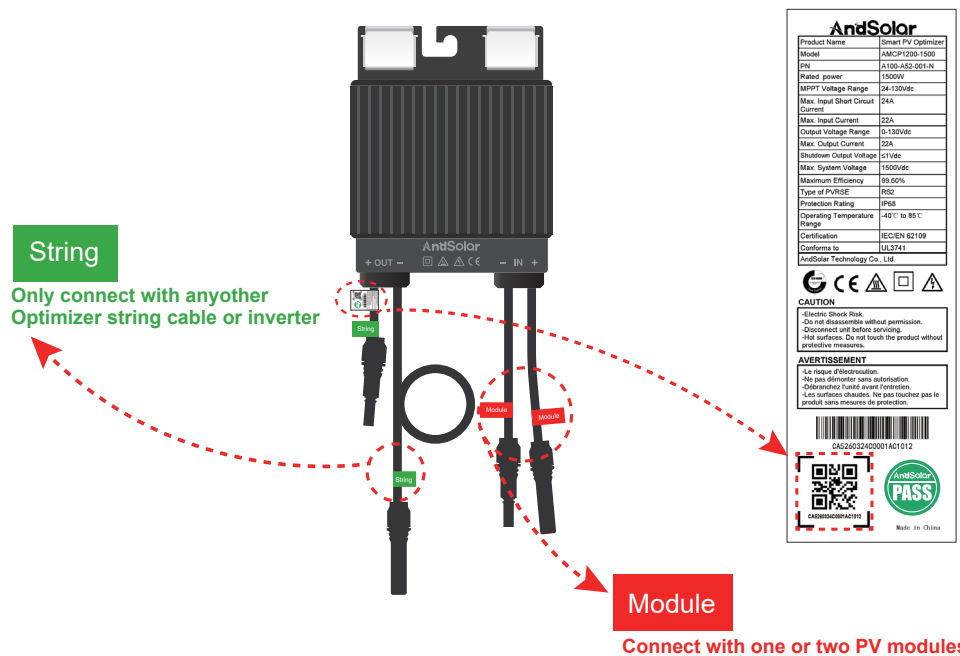
Optimizer no. String no.

2. Paste the QR code of the ADCU to the front of the corresponding string on the QR Code Template.

**(Note: Single magnetic ring type ADCU has 12 QR code stickers; double magnetic ring type ADCU has 36 QR code stickers.)**

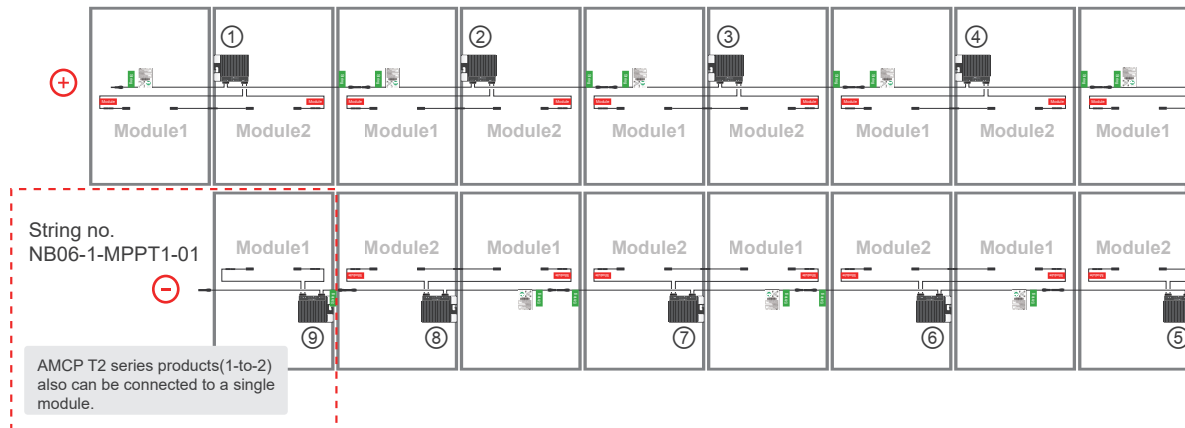


3. Please peel off the QR code from the Optimizer label and stick it into the corresponding position on the QR Code Template.



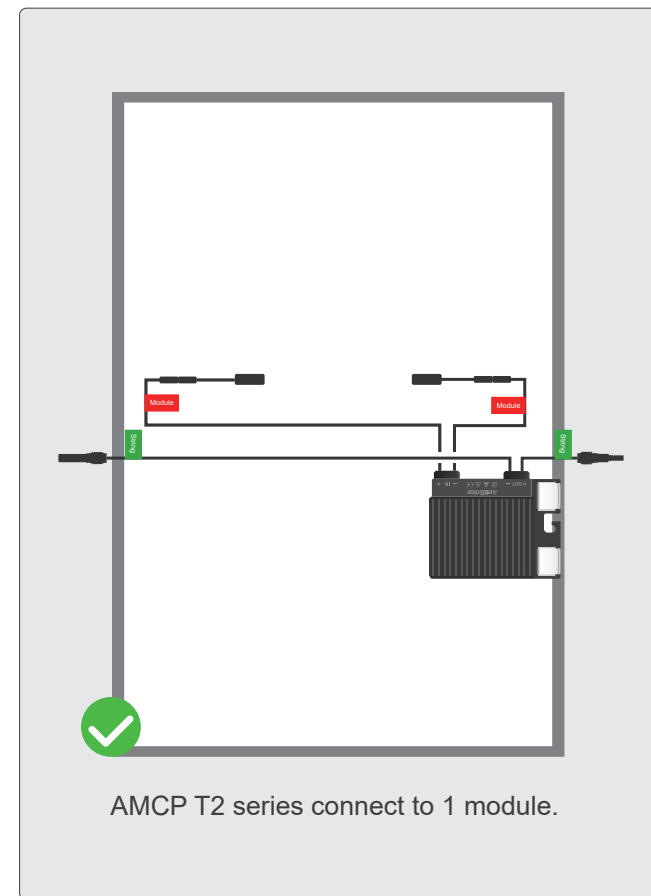
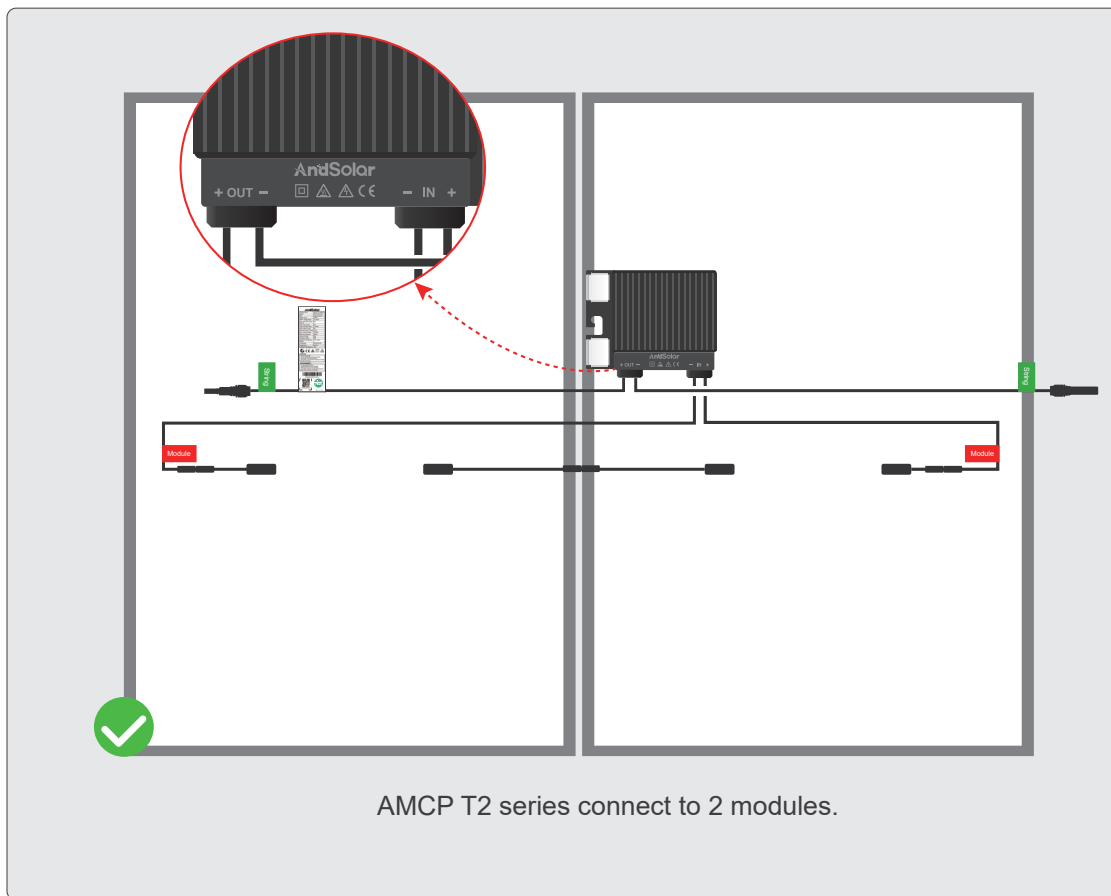
4. PV String Arrangement Sample

Optimizer No. ① should be installed starting from Positive(+) terminal, with the final Optimizer ending at the Negative(-) terminal.



AMCP T2 series products(1-to-2) also can be connected to a single module.

**Caution: Only the wiring configuration shown above is correct.**



**Note: Damage to the Optimizer caused by incorrect wiring is not covered under the AndSolar warranty.**

ADCU  
QR Code

Plant: \_\_\_\_\_

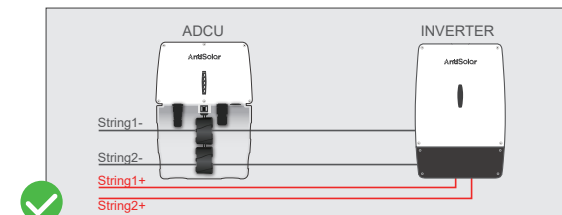
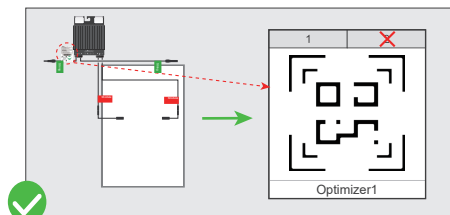
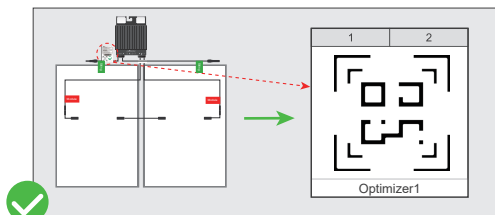
Note: Paste the QR code of the corresponding numbered Optimizer into the corresponding numbered square.

INV _____				STR _____				MPPT _____											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+ ----- String ----- -																			
Optimizer1		Optimizer2		Optimizer3		Optimizer4		Optimizer5		Optimizer6		Optimizer7		Optimizer8		Optimizer9		Optimizer10	

INV _____				STR _____				MPPT _____											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+ ----- String ----- -																			
Optimizer1		Optimizer2		Optimizer3		Optimizer4		Optimizer5		Optimizer6		Optimizer7		Optimizer8		Optimizer9		Optimizer10	

INV _____				STR _____				MPPT _____											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+ ----- String ----- -																			
Optimizer1		Optimizer2		Optimizer3		Optimizer4		Optimizer5		Optimizer6		Optimizer7		Optimizer8		Optimizer9		Optimizer10	

INV _____				STR _____				MPPT _____											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+ ----- String ----- -																			
Optimizer1		Optimizer2		Optimizer3		Optimizer4		Optimizer5		Optimizer6		Optimizer7		Optimizer8		Optimizer9		Optimizer10	



AMCP-T2 series products also can be connected to a single module.

ONLY NEGATIVE cable cross the magnetic ring