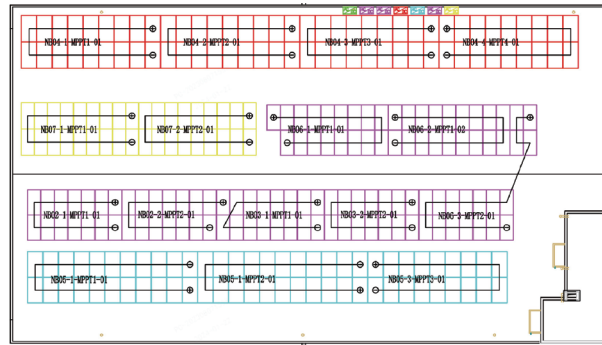


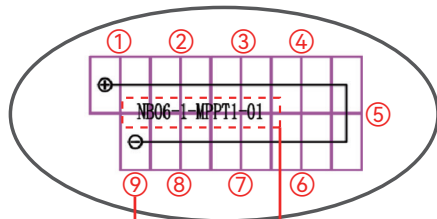
Physical Layout Template Usage Guide

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

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



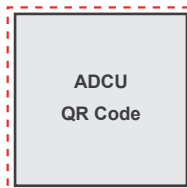
PV Array Wiring Diagram



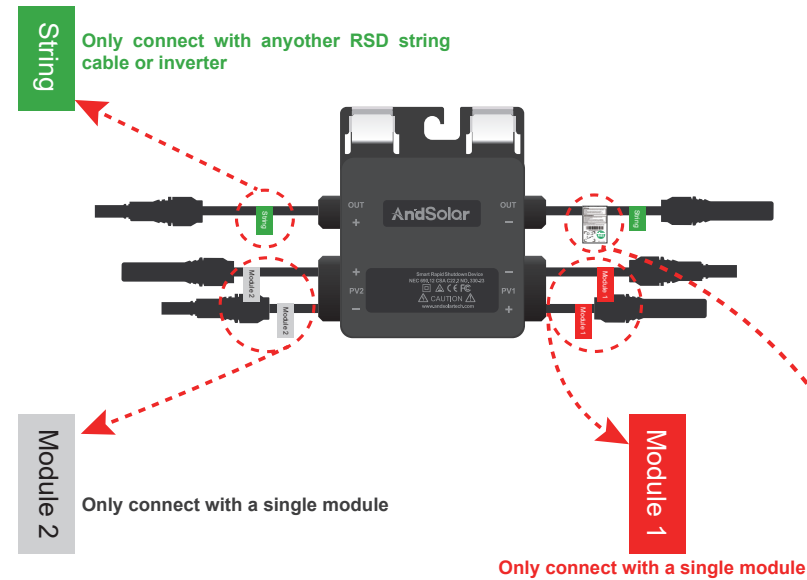
RSD no. String no.

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 RSD label and stick it into the corresponding position on the QR code template.



String Only connect with anyother RSD string cable or inverter

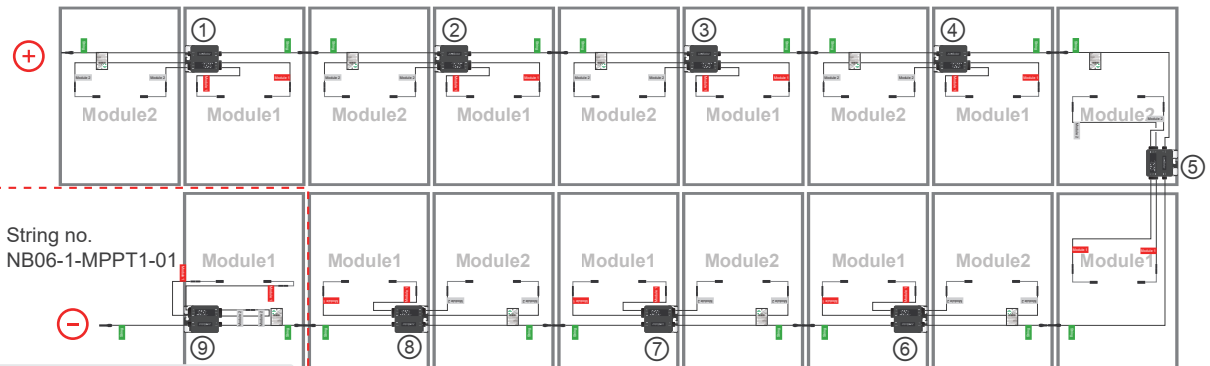
Module 2 Only connect with a single module

Module 1 Only connect with a single module

AndSolar	
Product Name	Smart Rapid Shutdown Device
Model	AMCL-E2
PVI	A200-202-001-N
Max. System Voltage	1500V
Max. Input Voltage	80V Per Channel
Input Operating Voltage Range	8-120V Per Dual Channel
Max. Input Short Circuit Current	30A
Max. Input Current	20A
Output Voltage Range	8-120V
Max. Output Current	20A
Type of PV/SE	RS2
Protection Rating	Type 6P/IP68
Operating Temp. Range	-40°C to 85°C
Certification	UL1741 IEC/EN 62108 CSA C22.2 No.330
Conforms to	UL1741
AndSolar Technology Co., Ltd.	
CAUTION Risk of electric shock-Disconnect all sources of supply before servicing. Wet surfaces-To reduce the risk of burns, Do not touch. Risk of electric shock-Do Not Remove Cover-Do Not Unscrewable Parts-Under Proper Usage-Is Qualified service Personnel.	
AVERTISSEMENT -Couper toutes les sources d'alimentation avant de faire l'entretien et de réparer. Surfaces humides-Risque de brûlures, ne pas toucher. Risque de choc électrique-Ne pas enlever le couvercle-Ne pas dévisser les parties non démontables-Utiliser des outils qualifiés et des personnes qualifiées.	
PV rapid shutdown system equipment All models and versions of this product comply with photovoltaic rapid shutdown requirements for electric systems outside the array.	
Made in China	

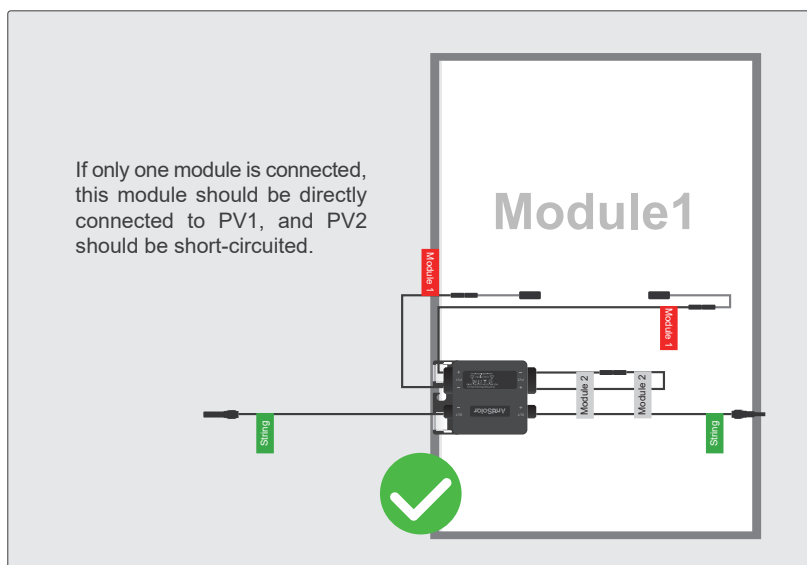
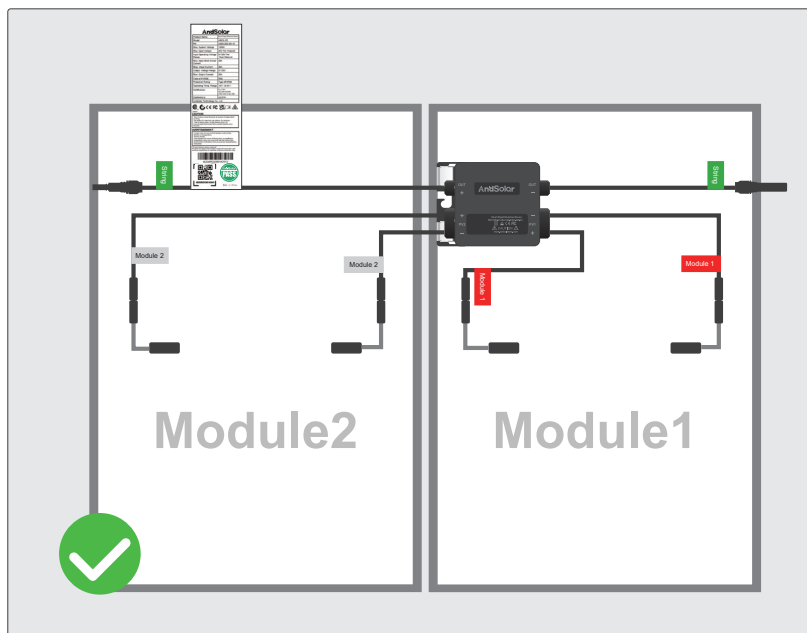
4. PV String Arrangement Sample

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

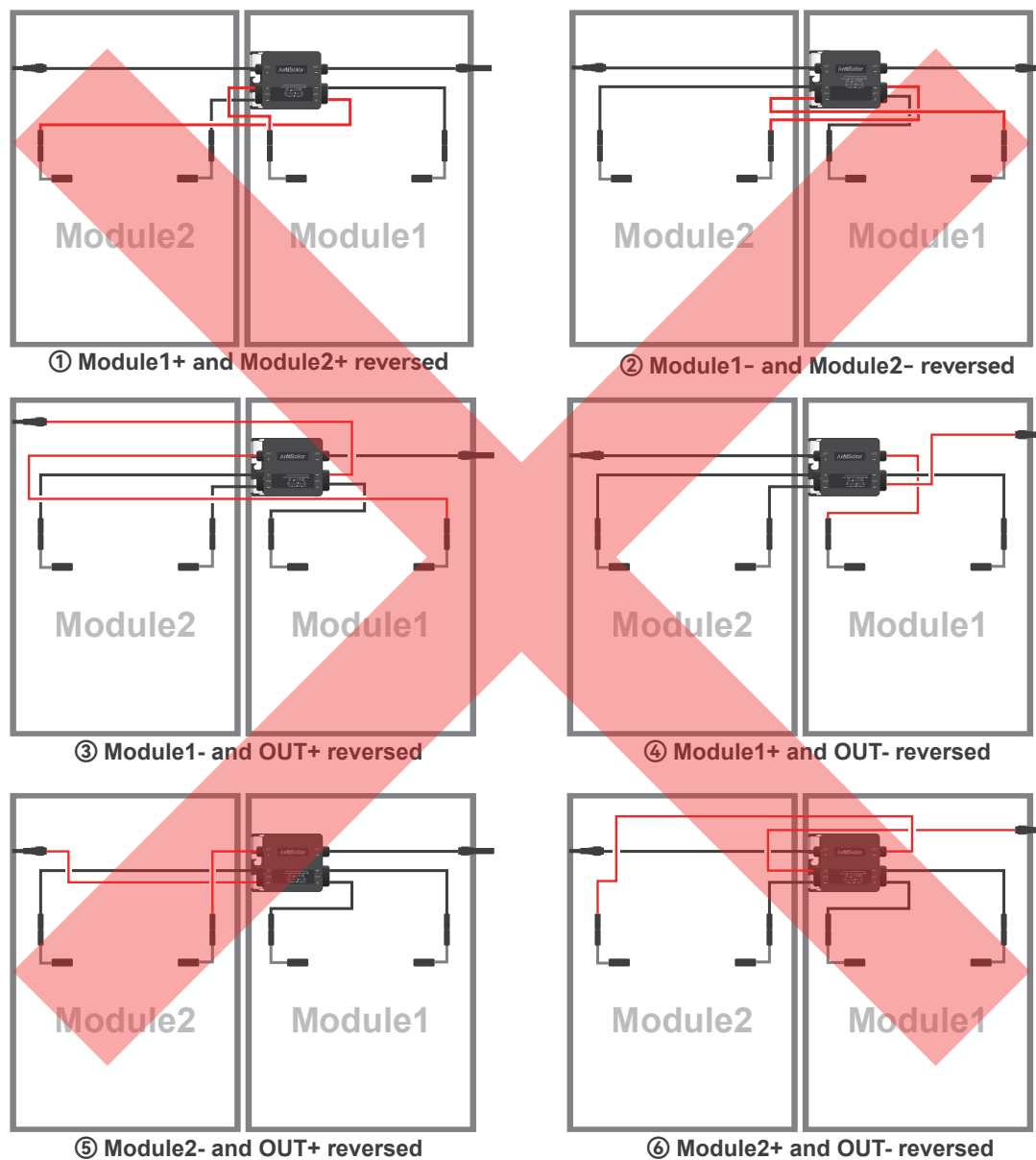


If only one module is connected, this module should be directly connected to PV1, and PV2 should be short-circuited.

Caution: Only the wiring configuration shown above is correct.



⚠ Warning: Incorrect wiring may result in serious damage.



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

ADCU
QR Code

Plant: _____

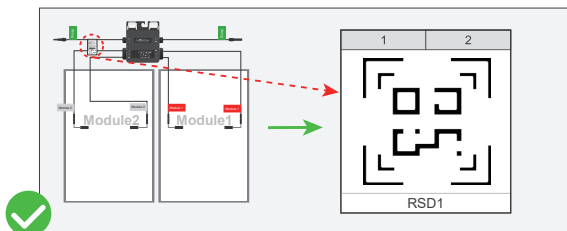
Note: Paste the QR code of the corresponding numbered RSD into the corresponding numbered square.

INV _____						STR _____						MPPT _____							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+-----String-----																			
RSD1		RSD2		RSD3		RSD4		RSD5		RSD6		RSD7		RSD8		RSD9		RSD10	

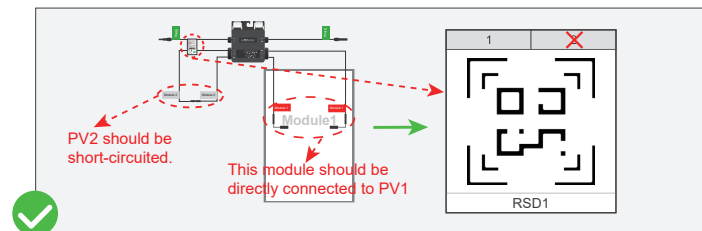
INV _____						STR _____						MPPT _____							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+-----String-----																			
RSD1		RSD2		RSD3		RSD4		RSD5		RSD6		RSD7		RSD8		RSD9		RSD10	

INV _____						STR _____						MPPT _____							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+-----String-----																			
RSD1		RSD2		RSD3		RSD4		RSD5		RSD6		RSD7		RSD8		RSD9		RSD10	

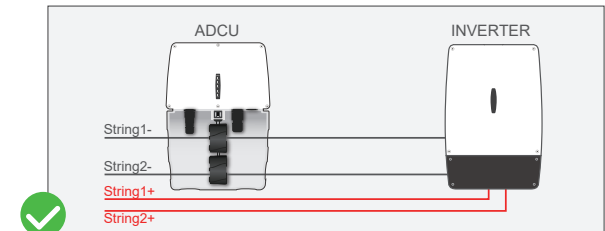
INV _____						STR _____						MPPT _____							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
+-----String-----																			
RSD1		RSD2		RSD3		RSD4		RSD5		RSD6		RSD7		RSD8		RSD9		RSD10	



AMCL connects to 2 modules



AMCL connects to 1 module



ONLY NEGATIVE cable cross the magnetic ring