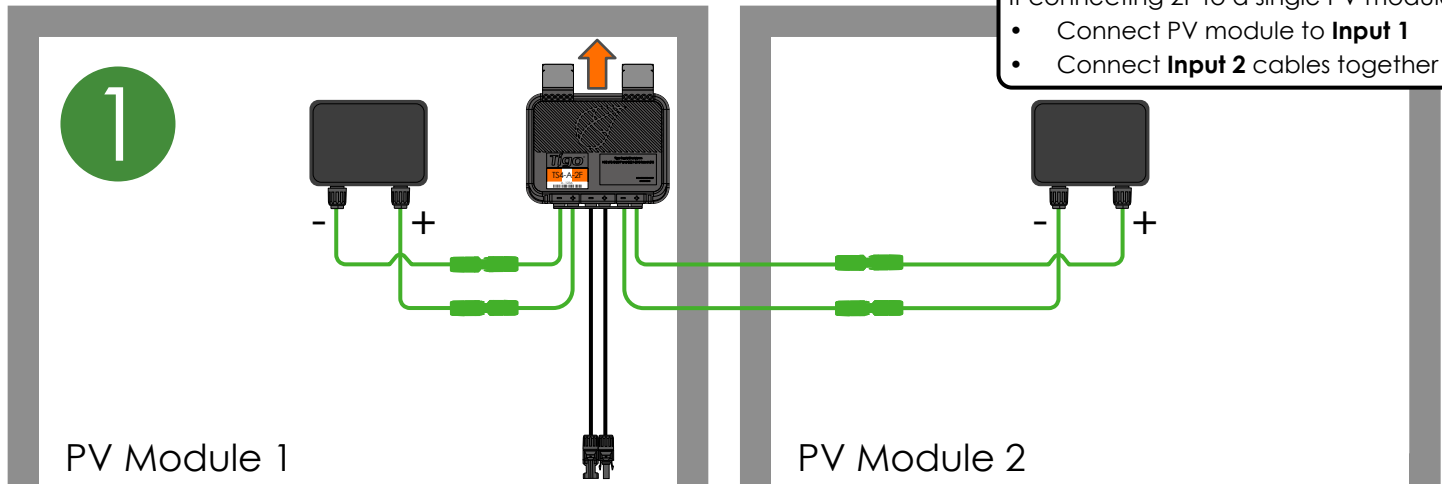
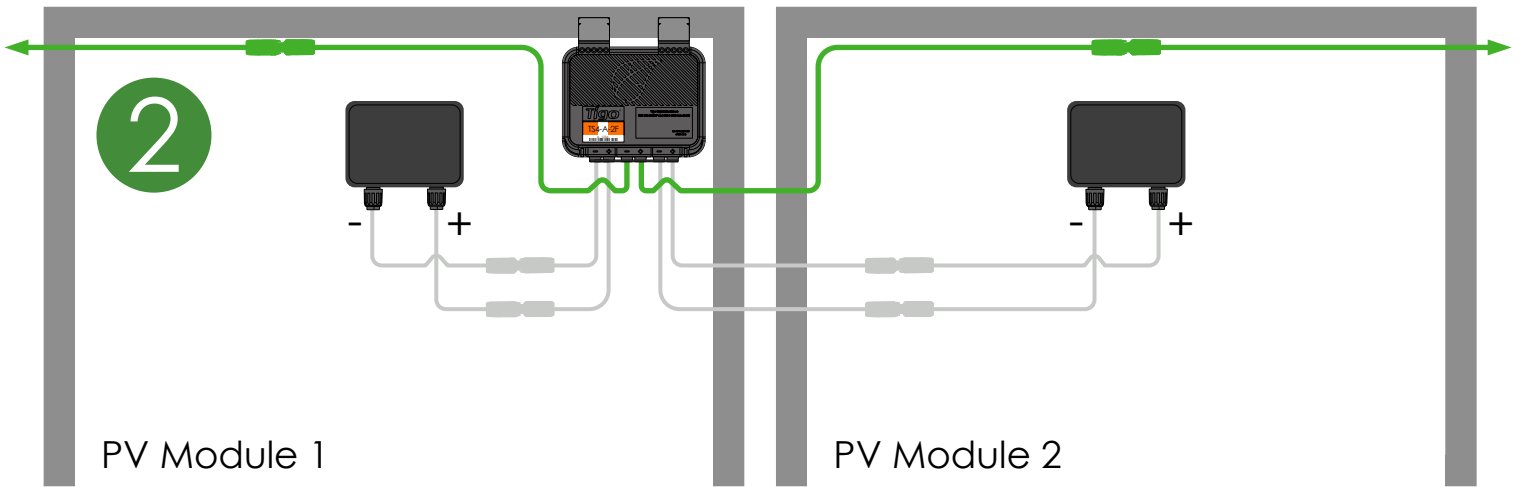


If connecting 2F to a single PV module:

- Connect PV module to **Input 1**
- Connect **Input 2** cables together



1. Connect PV modules to TS4-A-2F inputs



2. Connect TS4-A-2F outputs in series

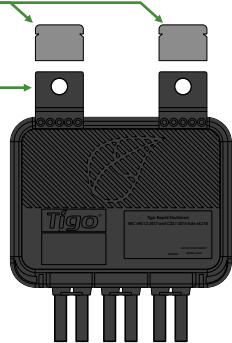
Note: When installing TS4-A-2F, always connect the input cables to the PV modules before connecting the TS4-A output cables in series.

If disconnecting TS4-A-2F, always disconnect the TS4-A-2F output cables from the string before disconnecting the input cables from the PV modules.

**RSS Transmitter must be powered OFF during TS4-A-2F installation.**

Removable clips

Mounting holes (M8)



For installation with frameless modules, remove metal clips and bolt TS4-A to rail.



[support.tigoenergy.com](http://support.tigoenergy.com)



Manual



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## TS4-A-2F

The TS4-A-2F is the advanced add-on solution that brings rapid shutdown functionality to two standard PV modules on separate inputs.

Maximum system voltage: 1500V  
 Maximum voltage per input: 90V  
 Maximum current per input: 15A  
 Maximum power per input: 500W  
 Maximum output power: 1000W



Photovoltaic Rapid Shutdown System Equipment, QIJJ

Use ANSI/NFPA 70 wiring methods.

Modules must not be installed in readily accessible locations. (Canada only)  
 Connectors from different manufacturers cannot be mated with each other.

### Requires Tigo RSS Transmitter for rapid shutdown control.

Output voltage is 0.6V when RSS Transmitter signal is not present.

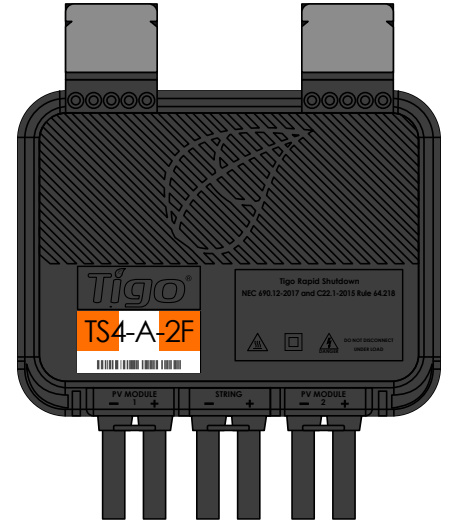
If string is disconnected under load, wait 1 minute before reconnecting TS4-A-F.  
 Verify that output voltage is 0.6V before reconnecting.



Class II double insulation



High Voltage



- ① Input 1
- ② Output to string
- ③ Input 2

If connecting 2F to a single PV module:

- Connect PV module to **Input 1**
- Connect **Input 2** cables together

### IMPORTANT NOTICE

Electricity will be supplied to the Tigo TS4-A output cables immediately when connected to a PV module exposed to sunlight. Use care when handling.

### 注意事項

当连接的组件暴露在阳光下时电力将会从Tigo TS4-A输出端输出。请小心处理。

### ATTENTION!

Une fois connecté au panneau photovoltaïque exposé au soleil, les boîtiers Tigo TS4-A laisseront passer le courant. Soyez vigilant.

### WICHTIGER HINWEIS

Bei Verbindung der Tigo TS4-A mit einem aktiven PV-Modul steht der Ausgang unmittelbar unter Spannung. Bitte Vorsicht im Umgang.

### AVVISO IMPORTANTE

Prestare la massima attenzione: i cavi di uscita dei Tigo TS4-A sono già alimentati con energia elettrica quando vengono collegati a un modulo fotovoltaico esposto alla luce del sole.

### 안전을 위한 주의사항

햇빛에 노출된 태양전지 모듈에 연결하면 Tigo TS4-A 출력 케이블에 즉시 전기가 흐르게 됩니다. 취급시 주의하십시오.

### 重要事項

日射下の太陽光モジュールを接続すると同時に、タイコTS4-Aの出力ケーブルにも電気が流れますので、取扱いには十分ご注意ください。

### ¡PRECAUCION!

Al momento de conectar los cables de salida los Tigo TS4-A a un módulo fotovoltaico expuesto al sol, se iniciará la corriente eléctrica. Tenga cuidado en su manejo.