CONNECTION UNIT 1000-US





Easy to use

- Accepts up to 8 string inputs (maximum 4 per MPPT channel)
- Quick and easy mounting
- Integration Kit for quick connection to the Sunny Tripower

Versatile

- UL listed to 1000 V DC
- Combiner box and disconnect functionality
- 15° to 90° mounting angle range
- Suitable for indoor and outdoor use

CONNECTION UNIT 1000-US

Simplifying decentralized PV plants

The SMA Connection Unit is designed for use with the Sunny Tripower TL-US series and includes dual combiner box and disconnect functionality in one convenient housing. Fuse holders are provided for all input terminals, as required for string fusing with ungrounded arrays. This unit can be installed next to the inverter or remotely, allowing you to optimize the system design and maximize savings.

Fechnical data	Connection Unit 1000 V
nput (DC)	1000 V
	1000 V
Max. DC voltage	
Number of input source circuits (strings)	8 (4 + 4)
nput conductor size	14 to 6 AWG
Max. fuse size	20 A
Output (DC)	
Dutput circuits	2
Dutput conductor size	12 to 1 AWG
ated output current	2 x 33 A
Maximum output current	2 x 53 A
rotection devices	
ouch safe fuse holders	•
pad-break rated output disconnect	•
eneral data	
imensions (W / H / D) in mm (in)	466 / 398 / 136 (18.4 / 15.7 / 5.4)
acking dimensions (W / H / D) in mm (in)	563 / 543 / 240 (22.2 / 21.4 / 9.5)
/eight	10 kg (22 lbs)
acking weight	11 kg (24 lbs)
nclosure protection rating	Type 3R
eatures	.//
ertificates and permits	III 1741 CANI/CSA COO O 107 1 1
erinicales and permits	UL 1741, CAN/CSA C22.2 107.1-1
Standard features • O Optional features — Not available	