

## Solis-AC Combiner

### Solis AC Combiner Box

For 1500 V string inverter Solis 255K

#### Features:

- Strong safety, high economy, standard overcurrent protection
- Protection class NEMA Type 3R, which meets the requirements of outdoor installation
- Small size, light weight, attached installation, reduce engineering construction costs
- Easy connection, simple operation

#### Models:

Solis-AC Combiner-800V/1000A

Solis-AC Combiner-800V/800A

Solis-AC Combiner-800V/630A



## DATASHEET

## Solis-AC Combiner

Models	800V/1000A	800V/800A	800V/630A
<b>Input</b>			
Number of AC input circuits	3, 4	3	2
OCPD	Fuse		
Rated input voltage	800 V		
Rated input current	3*251 A, 4*185 A	3*185 A	2*251 A
Input conductor size	3*(300-750kcmil CU/AL)		
Input conduit knockout size	Removable bottom plate		
<b>Output</b>			
Rated output current	753 A	555 A	502 A
Output conductor size	3*(2*600-1000kcmil CU/AL)		
Output conduit knockout size	Removable bottom plate		
Short circuit interrupt capacity	65 kA		
Output fuse rating	1000 A	800 A	630 A
<b>Mechanical</b>			
Dimensions (W*H*D)	48.2*37*15 in (1225*940*380 mm)		
Weight	154.3 lbs (70 kgs)		
Equipment grounding	Yes		
Padlockable enclosure (LOTO)	Yes		
Breather vent	Yes		
Grounding busbar	No		
<b>Environment</b>			
Degree of protection	NEMA Type 3R		
Operating ambient temperature range	-22°F to 140°F / -30°C to +60°C (derating from +104°F / +40°C)		
Relative humidity	0-100%		
Max. operation altitude	9842 ft / 3000 m (no derating); 13,120 ft / 4000 m (max)		
<b>Safety</b>			
Compliance	UL1741		