

Solis-AC Combiner

Solis AC Combiner Box

For 1500 V string inverter Solis 255K and 350K

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

Models	Solis-AC Combiner- 800V/1000A	Solis-AC Combiner- 800V/800A	Solis-AC Combiner- 800V/630A
Input			
Number of AC input circuits	3, 4	3	2
OCPD	Fuse		
Rated input voltage	800 V		
Rated input current	3 × 253 A, 4 × 185 A	3 × 185 A	2 × 253 A
Input conductor size	3 × (300 - 750 kcmil CU / AL)		
Input conduit knockout size	Removable bottom plate		
Output			
Rated output current	759 A	555 A	506 A
Output conductor size	3 × (2 × 600 - 1000 kcmil CU / AL)		
Output conduit knockout size	Removable bottom plate		
Short circuit interrupt capacity	65 kA		
Output fuse rating	1000 A	800 A	630 A
Mechanical			
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		
Environment			
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)		
Safety			
Compliance	UL1741		