



Features:

- IP65 Enclosures typically made out of Polyester / Polycarbonate suitable for outdoor installation; clear and opaque covers
- Number of inputs typically 4 to 24
- Overcurrent protection for individual strings
- Protection against lightning surges
- DC disconnect switches to disconnect DC side during AC side maintenance
- Currents in every string can be monitored (Option)

Combiner boxes are an integral part of PV installations, serving as the “meeting place” where the output wiring from different solar PV modules arranged in series (also called strings) are combined to generate single set of outputs. The combiner box can be customized for different configurations, based on the number of strings of solar PV modules. For example, on a set of ten PV modules arranged two in series and five in parallel, a 5:1 configuration combiner box is selected. Rated for outdoor use, the combiner boxes are designed to contain overcurrent protection devices, DC isolation switches, and the appropriate bus bars and terminals for combining the inputs.

COMBINER BOX SPECIFICATION SHEET

Voltage	600V DC <input type="checkbox"/>	1000V DC <input type="checkbox"/>					
Number of Strings	4 <input type="checkbox"/>	6 <input type="checkbox"/>	8 <input type="checkbox"/>	12 <input type="checkbox"/>	18 <input type="checkbox"/>	24 <input type="checkbox"/>	Others <input type="text"/>
Input String Fuse Rating	<input type="text"/>						
Blocking Diodes needed	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Rating <input type="text"/>				
String Fuse protection	Positive <input type="checkbox"/>	Negative <input type="checkbox"/>	Both <input type="checkbox"/>				
Fuse Indicator Type	With Indicator <input type="checkbox"/>	Without Indicator <input type="checkbox"/>					
Enclosure Type	IP65 <input type="checkbox"/>						
Surge Protection Required	600V DC <input type="checkbox"/>	1000V DC <input type="checkbox"/>					
Output Switch Required	Yes <input type="checkbox"/>	No <input type="checkbox"/>					
Switch Rating	<input type="text"/>						
Input Cable Size	2.5 Sqm <input type="checkbox"/>	4 Sqm <input type="checkbox"/>	6 Sqm <input type="checkbox"/>				
Output Cable Size	16 Sqm <input type="checkbox"/>	35 Sqm <input type="checkbox"/>	50 Sqm <input type="checkbox"/>	70 Sqm <input type="checkbox"/>	95 Sqm <input type="checkbox"/>		
Remarks/ Recommendations:	<input type="text"/>						

