



# SolarLeading Combiner Box

## LEADING-EDGE TECHNOLOGY

- Intelligent lightning protection
- Anti-reverse function (Optional)

## CONVENIENT

- Maximum to 16 input strings and 1 output. Accept customization
- Monitoring system via RS485 (Optional)
- IP65 Protection

## SAFETY

- Integrated DC switch
- Positive and negative fuses for each string of PV array
- Steel case
- Copper bar is used inside

# Datasheet of SolarLeading Combiner Box

Model	SLC-8-A2	SLC-10-A2	SLC-12-A2	SLC-16-A2	SLC-20-A2
<b>Input (DC)</b>					
Input from pv modules	8	10	12	16	20
Input cable size[mm <sup>2</sup> ]			4		
Grounding cable size [mm <sup>2</sup> ]			16		
Max. output current per string [A]			10		
<b>Output (DC)</b>					
Output cable size [mm <sup>2</sup> ]	25	35	35	70	70
Max. output current [A]	80	100	120	160	200
<b>Protection</b>					
Fuse			Yes		
SPD			Optional		
Intelligence lighting protection			Yes		
<b>General data</b>					
Cooling			Natural		
Material			Steel		
DC Breaker			Yes		
String current and voltage monitoring			Yes		
Input status monitoring			Yes		
Output voltage monitoring			Yes		
Communication protocol			Modbus		
Operating temperature range			-25~60 C		
Working humidity range			5%-99%		
IP protection degree			IP65		
Dimension (W*H*D)[mm]			580x480x200		800x600x192
Weight(kg)	24	24	24	25	25

