

# Honeybee700/850

## Sole Power Optimizer



### Functions & Features

- ⚙️ **Increase Efficiency:** Module-level MPPT tracking to increase system power generation by 5–30%
- ⚙️ **Safe and Reliable:** Functions with over-voltage, over-current, and over-temperature protection, module level shutdown with one click to eliminate the danger of high voltage
- ⚙️ **Precise Positioning:** Real-time monitoring of each module and the entire station, timely failure detection and accurate positioning
- ⚙️ **Convenient Installation:** It can be directly connected to the existing PV power system without changing the original line
- ⚙️ **Ultra-long Life:** 25-year lifespan, match PV modules

Model	Honeybee700	Honeybee850
<b>Input</b>		
Max. Input Power	700 W	850 W
Max. Input Voltage	75 VDC	75 VDC
Operating Voltage Range	12~75 VDC	12~75 VDC
MPPT Voltage Range	12~60 VDC	12~65 VDC
Isc	20 A	25 A
Max. Input Current	18 A	22 A
<b>Output</b>		
Max. Output Power	700 W	850 W
Voltage Range	0~75 VDC	0~75 VDC
Max. Output Current	18 A	22 A
Max. Efficiency	99.50%	99.50%
<b>Others</b>		
Max. System Voltage	1500 VDC	
Operating Temperature Range	-40~+85 °C	
Relative Humidity	0~100%	
Ingress Protection	IP68	
Protective Class	II	
Communication	2.4G/PLC/HPLC	2.4G/PLC/HPLC
<b>Installation Sprcification</b>		
Cable length	Input: 800mm, 200mm Output: 1000 mm *2 (or Customizable)	Input: 800mm, 200mm Output: 1000 mm *2 (or Customizable)
Size	118x111x25 mm	
Weight	740 g	
Connector (Input/Output)	Compatible with Staubli MC4 or Customizable	
<b>Standard / Certification</b>		
CE	IEC/EN 62109-1:2010	
RoHS	2011/62EU 2015/863EU	
REACH	EU REACH Regulation No 1907/2006 Article 33	
WEEE	EN 50419:022	

\*The working status of PLC optimizers can be customized (Default on or off)

