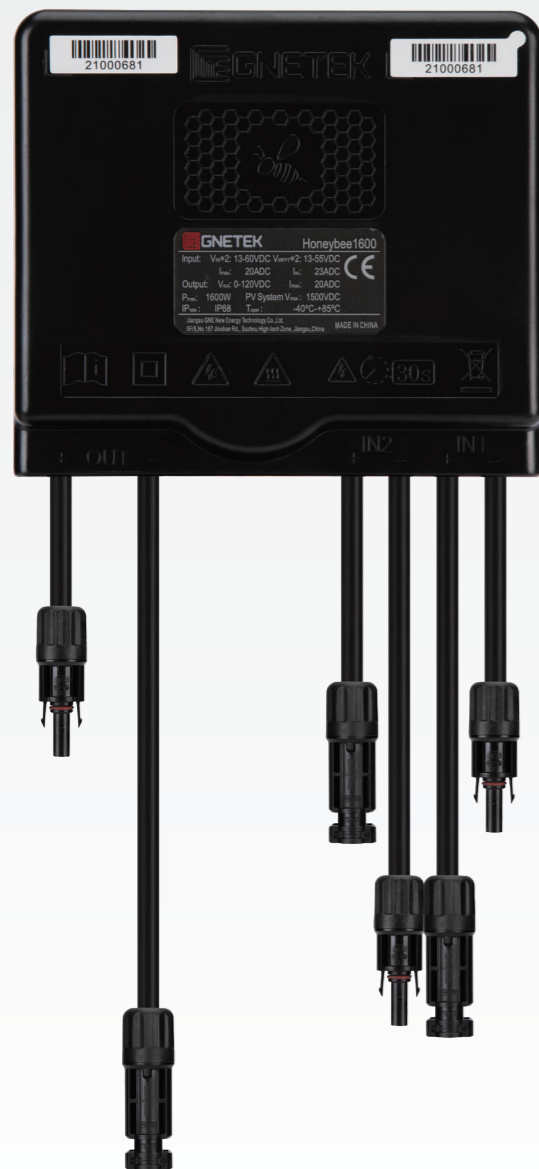


# Honeybee1400/1600

## Dual 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	Honeybee1400	Honeybee1600
<b>Input</b>		
Support Modules	2	2
Max. Input Power	700W/700W	800W/800W
Max. Input Voltage	60VDC/60VDC	60VDC/60VDC
Operating Voltage Range	13~60VDC/13~60VDC	13~60VDC/13~60VDC
MPPT Voltage Range	13~55VDC/13~55VDC	13~55VDC/13~55VDC
Isc	20A/20A	23A/23A
Max. Input Current	18A/18A	20A/20A
<b>Output</b>		
Max. Output Power	1400 W	1600 W
Voltage Range	0~120 VDC	0~120 VDC
Max. Output Current	18 A	20 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	
<b>Installation Sprcification</b>		
Cable length (Input/Output)	Input 1: In1- 200 mm / In1+ 900 mm Input 2: In2- 1100 mm / In2+ 300 mm Output: Out- 2800 mm / Out+ 200 mm	
Size	128x113x25 mm	
Weight	970 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)