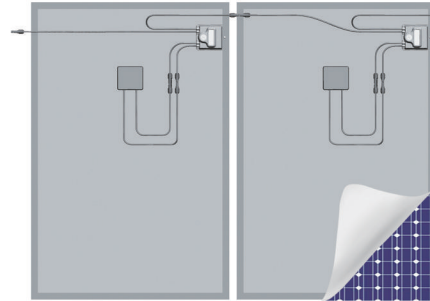


# Power Optimizer Honeybee650



## Product Picture



## Product features

- ⚙ Module level Maximum Power Point Tracking(MPPT), 5-25% more power yield.
- ⚙ Real-time panel monitoring, timely warning and positioning the problem.
- ⚙ Secure solar system, remote shutdown, elimination of high voltage danger.
- ⚙ Module added-on, compatible with third party inverter, available for the new or the existing solar power station.
- ⚙ 25 years lifespan, perfectly matching solar modules.

## Technical Data

Product Code	Honeybee650
<b>INPUT</b>	
Max. Input Power	650W
Max. Input Voltage	75VDC
Operating Voltage Range	12 ~ 75VDC
MPPT Voltage Range	12 ~ 75VDC
Isc	15A
Max. Input Current	14A
<b>OUTPUT</b>	
Max. Output Power	650W
Voltage Range	0 ~75VDC
Max. Output Current	14A
Max. Efficiency	99.60%
<b>OTHERS</b>	
Max. System Voltage	1000VDC / 1500VDC
Operating Temperature Range	-40 ~ +85 °C
Relative Humidity	0~100%
Ingress Protection	IP68
Protective Class	II
Communication	915M / 2.4G / PLC
<b>INSTALLATION SPECIFICATION</b>	
Size	130.3×109.6×25mm
Weight	588g
Connector (Input/Output)	Compatible with MC4
<b>STANDARD / CERTIFICATION</b>	
Safety	IEC/EN 62109-1:2010 the Low Voltage Directive(2014/35/EU)
EMC	EN 61000-6-1:2007 EN 61000-6-3:2007/+A1:2011 EN 61000-6-2:2005 EN 61000-6-4:2007/+A1:2011 the EMC Directive(2014/30/EU)
Certification	CE