

Honeybee400/650/850

Sole Power Optimizer



Product Features

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

Sole Power Optimizer	Honeybee400	Honeybee650	Honeybee850
INPUT			
Support Modules	450W	650W	850W
Max.Input Power	75VDC	75VDC	60VDC
Operating Voltage Range	12~75VDC	12~75VDC	14~60VDC
MPPT Voltage Range	12~75VDC	12~75VDC	14~60VDC
Isc	15A	16A	23A
Max.Input Current	13A	15A	21A
OUTPUT			
Max.Output Power	450W	650W	850W
Voltage Range	0 ~ 75VDC	0 ~ 75VDC	0 ~ 60VDC
Max.Output Current	13A	15A	21A
Max.Efficiency	99.50%	99.50%	99.50%
OTHERS			
Max.System Voltage	1500VDC	1500VDC	1500VDC
Operating Temperature Range	-40~+85 ℃	-40~+85 ℃	-40~+85 ℃
Relative Humidity	0~100%	0~100%	0~100%
Ingress Protection	IP68	IP68	IP68
Protective Class	II	II	II
Communication	868M/915M/2.4G/PLC	868M/915M/2.4G/PLC	868M/915M/2.4G/PLC
INSTALLATION SPECIFICATION			
Size	130.3x109.6x25mm	130.3x109.6x25mm	130.3x109.6x25mm
Weight	520g	520g	520g
Connector(Input/Output)	Compatible with MC4	Compatible with MC4	Compatible with MC4
STANDARD/ CERTIFICATION			
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		
COMM	EN 50663: 2017, EN 62479: 2010		
	EN 301 489-1 V2.2.3, EN 301 489-3 V2.1.1, EN 300 220-2 V3.1.1		

※Honeybee650-PLC and Honeybee850-PLC Working status can be customized (Default on or off)