

Honeybee800/1300/1600

Dual 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

Dual Power Optimizer	Honeybee800	Honeybee1300	Honeybee1600
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INPUT

Support Modules	2pcs	2pcs	2pcs
Max. Input Power	450W/450W	650W/650W	800W/800W
Max. Input Voltage	75VDC/75VDC	60VDC/60VDC	60VDC/60VDC
Operating Voltage Range	13~75VDC/13~75VDC	13~60VDC/13~60VDC	13~60VDC/13~60VDC
MPPT Voltage Range	13~70VDC/13~70VDC	13~60VDC/13~60VDC	13~60VDC/13~60VDC
Isc	15A/15A	16A/16A	23A/23A
Max. Input Current	13A/13A	15A/15A	20A/20A

OUTPUT

Max Output Power	900W	1300W	1600W
Voltage Range	0 ~150VDC	0 ~120VDC	0 ~120VDC
Max. Output Current	13A	15A	20A
Max. Efficiency	99.60%	99.60%	99.50%

OTHERS

Max. System Voltage	1500VDC	1500VDC	1500VDC
Operating Temperature Range	-40~+85°C	-40~+85°C	-40~+85°C
Relative Humidity	0~100%	0~100%	0~100%
Ingress Protection	IP67	IP67	IP68
Protective Class	II	II	II
Communication	868M/915M/2.4G	868M/915M/2.4G	868M/915M/2.4G/PLC

INSTALLATION SPECIFICATION

Size	129x130x25mm	129x130x25mm	144x130x26.8mm
Weight	810g	810g	875g
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

