



Description

Sole PV optimizer performs each module at its Max Power Point, with functions of maximum conversion efficiency, module level monitoring, data acquisition, wireless communication and safety management. Applicable for both on-grid and off-grid solar system with different scales.

Features

1. Module level Maximum Power Point Tracking (MPPT), 5-25% more power yield
2. Real-time panel monitoring, timely warning and alert
3. Secure solar system, remote shutdown, elimination of high voltage danger
4. Module added-on, compatible with third party inverter, available for the new or the existing solar power station
5. Flexible system design for maximum space utilization
6. 25 years lifespan, perfectly matching the solar module

Technical Data

Technical Data		Honeybee400	Unit
INPUT	Max Input Power	450	W
	Max Input Voltage	75	V
	Max Input Current	13	A
	Minimum MPPT Voltage	12	V
OUTPUT	Output Power	0 ~450	W
	Output Voltage	0 ~Voc	V
	Communication	Wireless	-
	Max System Voltage	1500	V
	Max Output Current	13	A
EFFICIENCY	Max Conversion Efficiency	99.60%	-
INSTALLATION SPECIFICATION	Size	130.3*109.6*25	mm
	Weight	588	g
	Input (Output) Linker	MC4	-
	Working Temperature	-40 ~ +85	°C
	Inbreaking Protection	IP67	-
	Relative Humidity	0~100%	-
STANDARD COMPLIANCE	EMC	IEC61000-6-2, IEC61000-6-3	-
	Safety Regulations	IEC62109-1 (Class II safety)	-
	Overvoltage Category	III	-
	Certification	CE	-