

Description

Sole PV optimizer Honeybee350 performs each module at its Max Power Point, with functions of max 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. Panel's performance monitoring in real time, 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

INPUT	Max Input Power	350 W
	Input Voltage Range	14 ~ 60 Vdc
	MPPT Voltage Range	16 ~ 50 Vdc
	Max Input Current	10 Adc
	Short Circuit Current	15 Adc
	Reverse Connection Protection	Yes
	Night Power Consumption	0 W
OUTPUT	Max Output Current	11 Adc
	Output Voltage Range	0 ~ 60 Vdc
	System Voltage	1000 Vdc
EFFICIENCY	Max Converter Efficiency	99.50%
	Europe Efficiency	98.50%
	CEC Efficiency	98.30%
INSTALLATION SPECIFICATION	Size	127.5*106*22 mm
	Weight	530 g
	Input Linker	MC4
	Output Linker	MC4
	Working Temperature	-40 ~ +85 °C
	Inbreaking Protection	IP65
	Relative Humidity	0~100%
STANDARD COMPLIANCE	EMC	FCC Part15 class B, IEC61000-6-2, IEC61000-6-3, CSA C22.2 No.107.1-01, UL 1741 2nd Edition
	Safety Regulations	IEC62109-1 (Class II safety)
	Overvoltage Category	III
	Certificates	CE, TUV, CQC, CSA

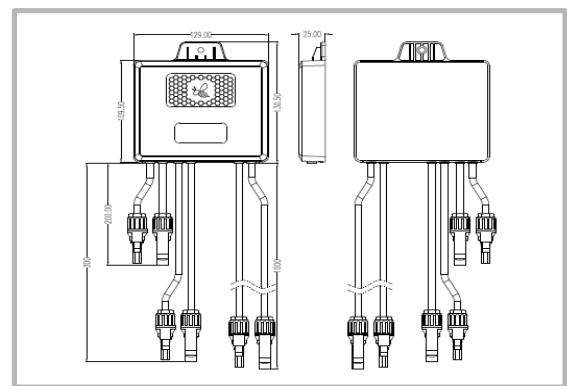
Description

Dual PV optimizer Honeybee700 performs the Maximum Power Point of two modules, 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. Panel's performance monitoring in real time, 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

INPUT	Max Input Power	700 W
	Single Input Voltage Range	14 ~ 60 Vdc
	MPPT Voltage Range	16 ~ 100 Vdc
	Max Input Current	10 Adc
	Short Circuit Current	15 Adc
	Reverse Connection Protection	Yes
	Night Power Consumption	0 W
OUTPUT	Max Output Current	11 Adc
	Output Voltage Range	0 ~ 120 Vdc
	System Voltage	1000 Vdc
EFFICIENCY	Max Converter Efficiency	99.60%
	Europe Efficiency	98.80%
	CEC Efficiency	98.50%
INSTALLATION SPECIFICATION	Size	130.5*129*25 mm
	Weight	810 g
	Input Linker	MC4
	Output Linker	MC4
	Working Temperature	-40 ~ +85 °C
	Inbreaking Protection	IP65
	Relative Humidity	0~100%
STANDARD COMPLIANCE	EMC	FCC Part15 class B, IEC61000-6-2, IEC61000-6-3, CSA C22.2 No.107.1-01, UL 1741 2nd Edition
	Safety Regulations	IEC62109-1 (Class II safety)
	Overvoltage Category	III
	Certificates	CE, TUV, CQC, CSA