

I Power optimizer HoneyBee 800 Datasheet



Description

Ensure each solar module performs at it's Maximum Power Point. Functions with maximum conversion efficiency, module level monitoring, data acquisition, wireless communication and safety management. Applicable for both on-grid and off-grid solar systems with different scales.

Features

1. Module level Maximum Power Point Tracking (MPPT), 5-25% more power yield.
2. Monitoring each PV panel's performance in realtime, early warning and alert.
3. Secure solar system, remote shutdown, elimination of high voltage danger.
4. Module added-on, compatible with third party inverters, available for new or existing solar systems.
5. Very flexible and 25 years lifespan, perfectly matching most solar modules.

Specifications

Input	Dual Input	Single MPPT
	Single Max. Input Voltage	75 V
	Max. Input Current	13 A
	Single Minimum MPPT Voltage	13 V
	Night Power Consumption	0 W
Output	Max. Output power	0 ~ 450 W * 2
	Output Voltage	0 ~ 2 * Voc
	Communication	Wireless
	Max. System Voltage	1500 V
Efficiency	Max. Output Current	13 A
	Max. Efficiency	99,60%
	Size	130 x 132 x 24,5 mm
Installation	Weight	765 g
	Input Connector Type	MC4
Specification	Output Connector Type	MC4
	Working Temperature	-40 ~ +85 °C
	Inbreaking Protection	IP67
	Relative Humidity	0 ~ 100%
	EMC	IEC61000-6-2, IEC61000-6-3
Standard Compliance	Safety Regulations	IEC62109-1 (Class II safety)
	Overvoltage Category	III
	Certificate	CE