

POWER OPTIMIZER | HONEYBEE700



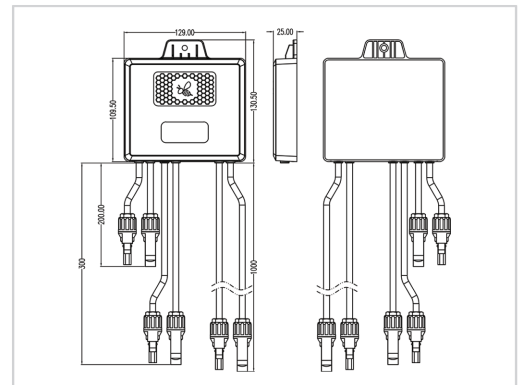
Description

Dual Module level maximum power point tracking(MPPT) and sole module monitoring. Functions with 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. Monitoring each PV panel's performance in real time, early 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 system
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
	Input Voltage Range	16 ~ 60 Vdc
	MPPT Voltage Range	18 ~ 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 ~ 120 Vdc
	System Voltage	1000 Vdc
EFFICIENCY	Max. Efficiency	99.60%
	Europe Efficiency	98.80%
	CEC Efficiency	98.50%
INSTALLATION SPECIFICATION	Size	130.5X129X25 mm
	Weight	810 g
	Input Linker	MC4
	Output Linker	MC4
	Working Temperature	- 40°C ~ +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"
	Safety Regulations	IEC62109-1 (Class II safety)
	Overvoltage Category	III
	Certificate	CQC/TUV/CSA