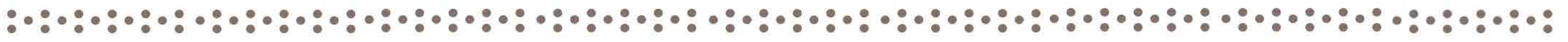
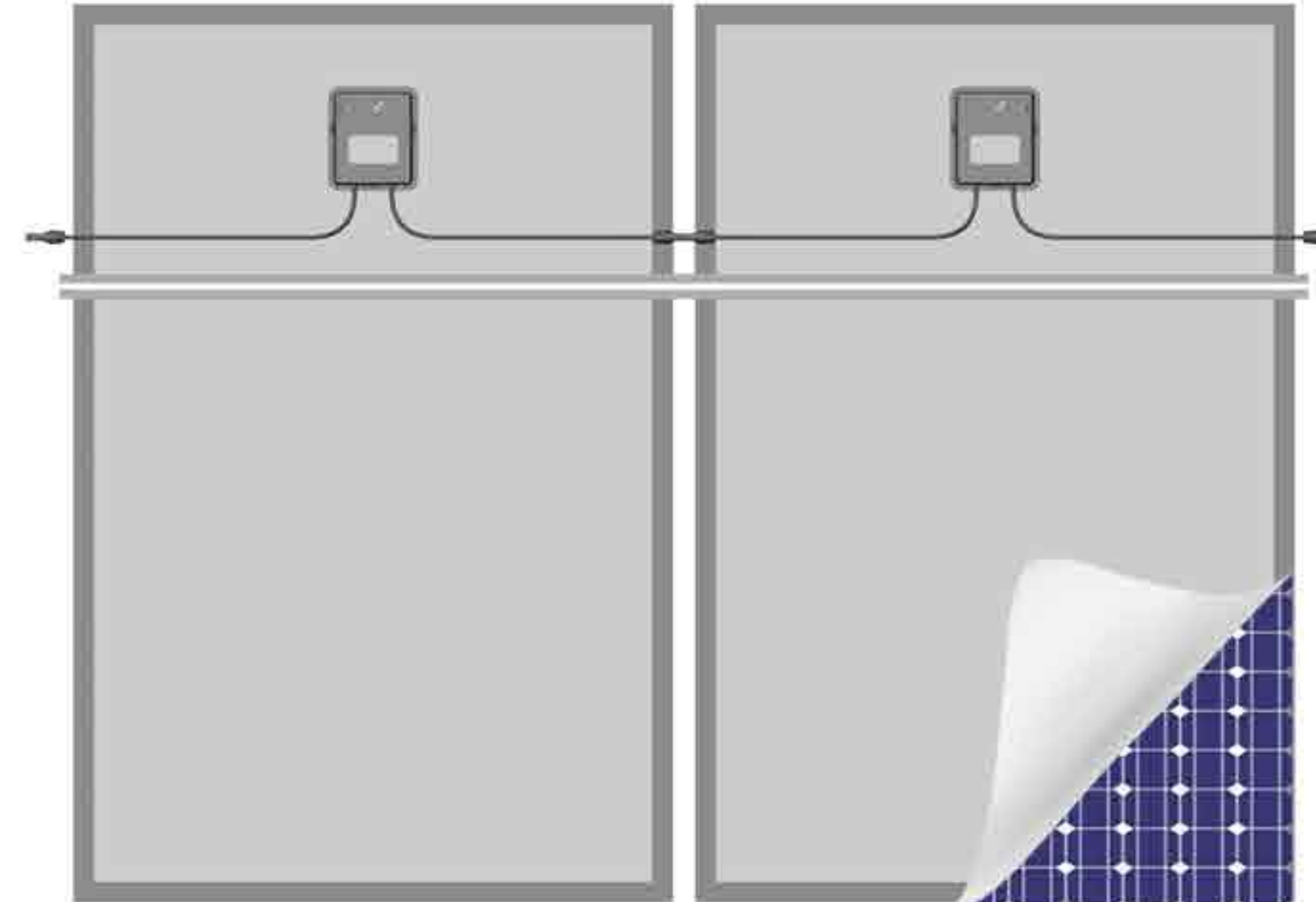


# Integrated power optimizer Smartbee600



## Product Picture



## Product features

- ⚙ Module level Maximum Power Point Tracking(MPPT), 5-25% more power yield.
- ⚙ Real-time panel monitoring, timely warning and positioning the problem.
- ⚙ Secure solar system, remote shutdown, elimination of high voltage danger.
- ⚙ Flexible system design for maximum space utilization.
- ⚙ 25 years lifespan, perfectly matching solar modules.

## Technical Data

Product Code	Smartbee600
<b>TECHNICAL DATA</b>	
Max Output Power	600 W
Max Output Current	15 A
Output Voltage Range	0 V ~ 75 V
MPPT Voltage Range	12 V ~ 75 V
System Voltage	1000 V / 1500 V
<b>EFFICIENCY</b>	
Max Conversion Efficiency	99.60%
<b>INSTALLATION SPECIFICATION</b>	
Size	152 x 133 x 25.9 mm
Weight	540 g
Output Connector	Compatible with MC4
Working Temperature	-40 ~ 85 °C
Ingress Protection	IP68
Relative Humidity	0~100%
<b>STANDARD COMPLIANCE</b>	
EMC	IEC61000-6-2 , IEC61000-6-3
Safety Regulations	IEC62109-1 (Class II safety)
Overvoltage Category	III

# PV Module Level Optimization & Monitoring Solution ( Integrated Optimizer, Wireless Communication )

Case :

300KW PV Station: 760pcs 390W Panels, 38 Strings

760pcs Smartbee600 + 4pcs Swarm + 1pcs Beehive

Notes:

\* 300KW may require multiple inverters, this installation diagram takes a single inverter as an example

