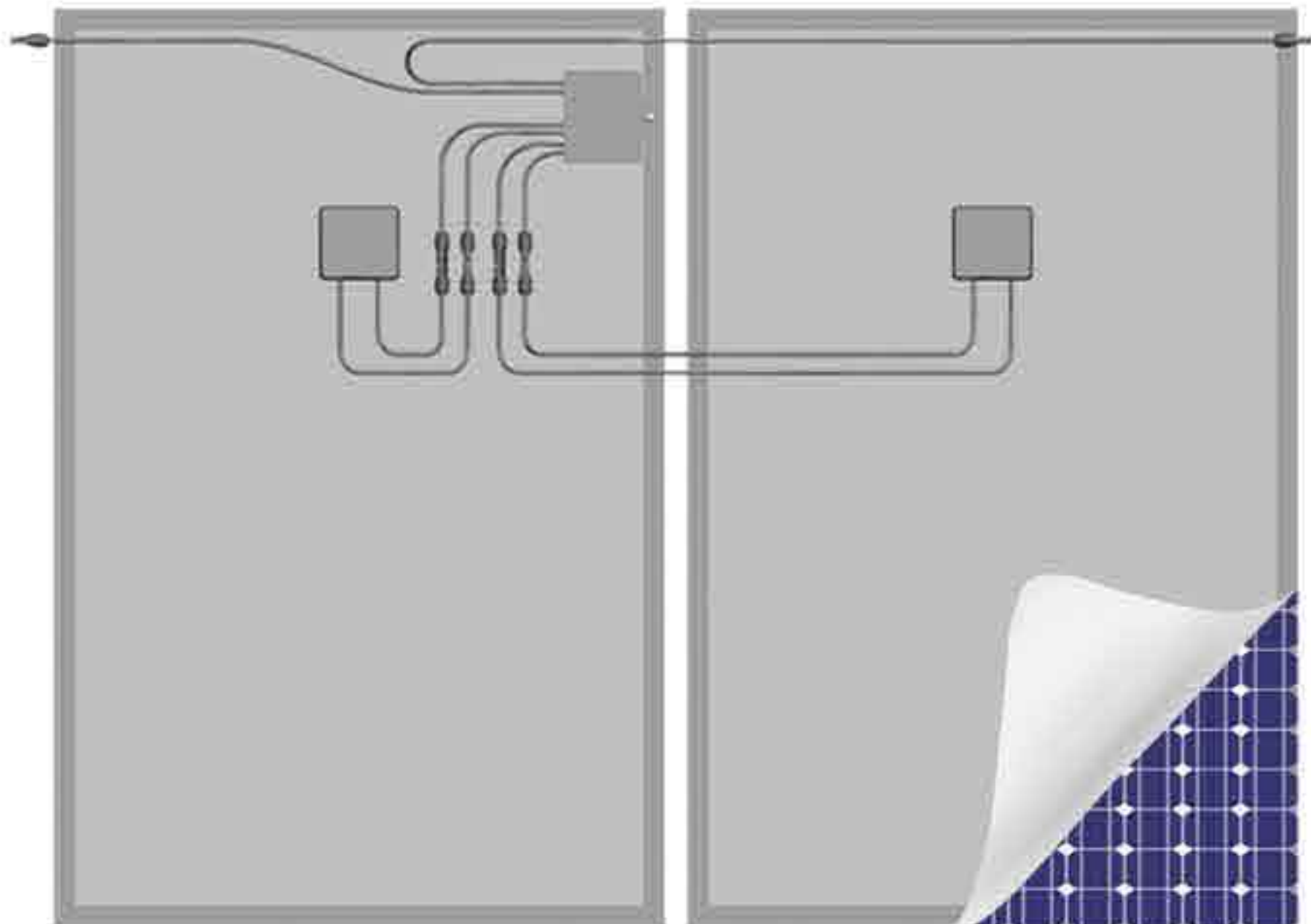


Dual Power Optimizer Honeybee 800 / ~1200



Product Picture



Product features

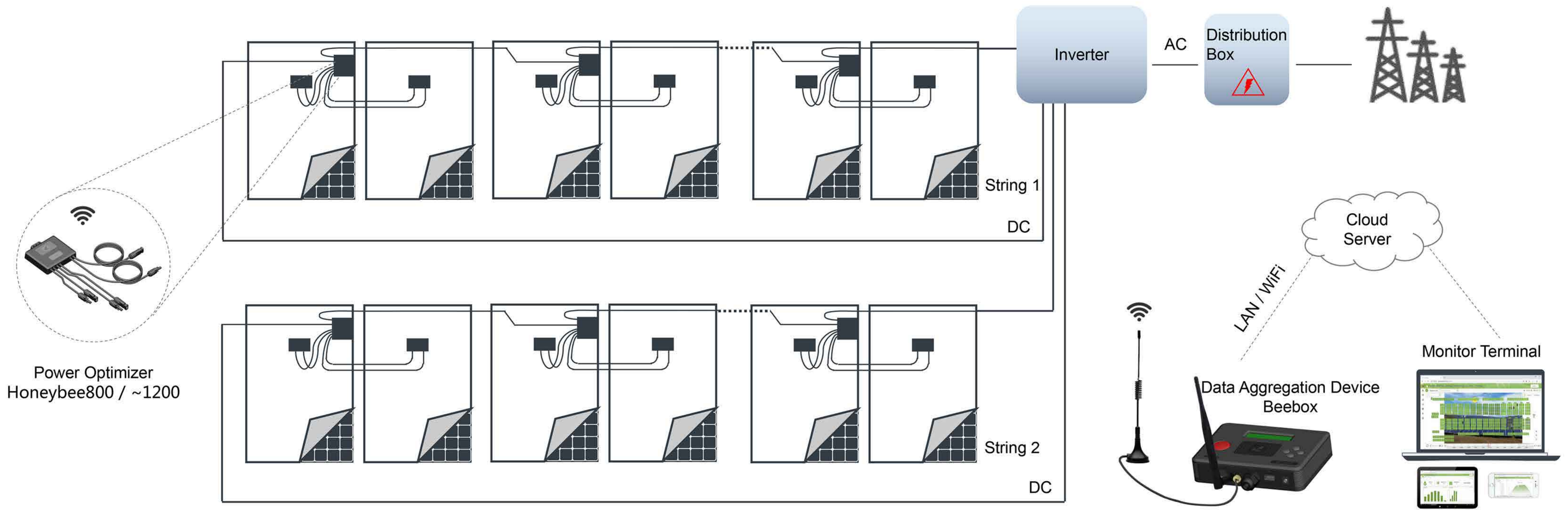
- ⚙ Module level Maximum Power Point Tracking(MPPT), 5-25% more power yield.
- ⚙ Real-time panel monitoring, timely warning and positioning the problem.
- ⚙ Secure solar system, remote shutdown, elimination of high voltage danger.
- ⚙ Module added-on, compatible with third party inverter, available for the new or the existing solar power station.
- ⚙ 25 years lifespan, perfectly matching solar modules.

Technical Data

Product Code	Honeybee800	Honeybee1200
INPUT		
Support Modules		2 Pcs
Max Input Voltage		150 V
MPPT Voltage Range	13 V ~ 140 V	13 V ~ 150 V
Max Input Current	13 A	15 A
OUTPUT		
Max Output Power	900 W	1200 W
Output Voltage Range		0 V ~ 150 V
Max Output Current	13 A	15 A
System Voltage	1000 V / 1500 V	
Communication	Wireless	
EFFICIENCY		
Max Conversion Efficiency	99.60%	
INSTALLATION SPECIFICATION		
Size	130 x 132 x 24.5 mm	
Weight	765 g	
Input (Output) Connector	Compatible with MC4	
Working Temperature	-40 ~ 85 °C	
Relative Humidity	0~100%	
Ingress Protection	IP68	
STANDARD COMPLIANCE		
EMC	IEC61000-6-2 / IEC61000-6-3	
Safety Regulations	IEC62109-1 (Class II safety)	
Overvoltage Category	III	
Certification	CE (Intertek)	

PV Module Level Optimization & Monitoring Solution (Add-one Optimizer, Wireless Communication)

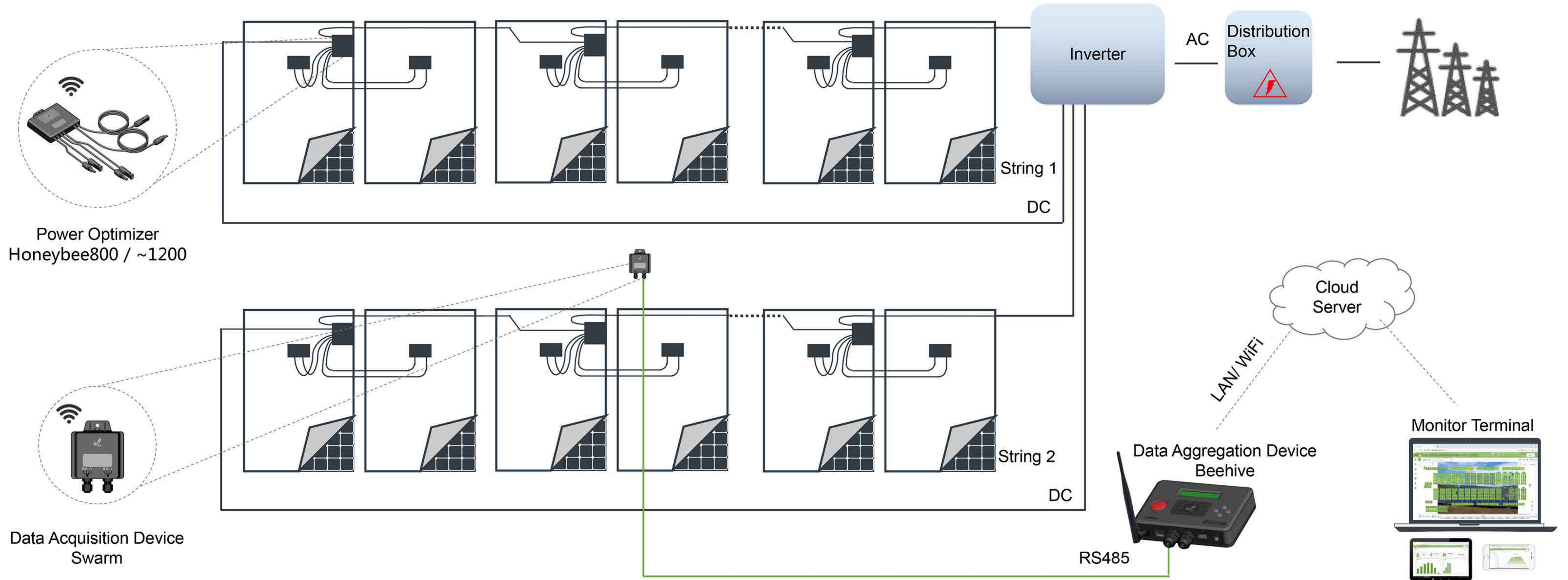
Case :
10KW PV Station: 390W Panels 26pcs, 2 strings
13pcs Honeybee800 / ~1200 + 1pcs Beehive + 1pcs swarm



Notes:
* Choose Beebox for a good on-site communication environment.

PV Module Level Optimization & Monitoring Solution (Add-one Optimizer, Wireless Communication)

Case :
10KW PV Station: 390W Panels 26pcs, 2 strings
13pcs Honeybee800 / ~1200 + 1pcs Beehive + 1pcs swarm



Notes:

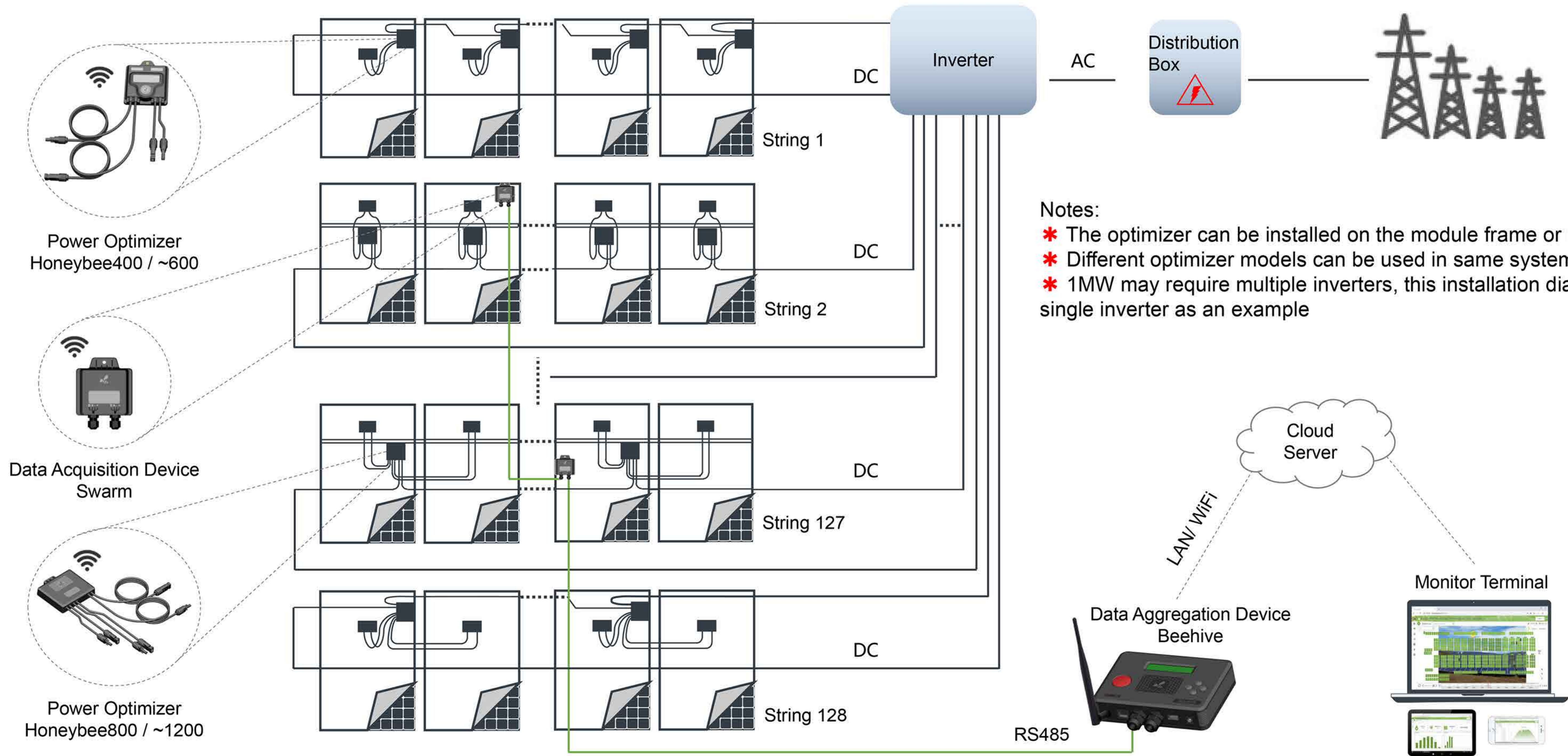
* Beehive is selected for complex on-site communication environment or large projects.

PV Module Level Optimization & Monitoring Solution (Add-one Optimizer, Wireless Communication, Medium and Large Project)

Case :

1MW PV Station: 2560pcs 390W Panels, 20 Panels per string, 128Strings in total

2560pcs Honeybee400 / ~600 or 1280pcs Honeybee800 / ~1200 + 13pcs Swarm + 3pcs Beehive



Notes:

- * The optimizer can be installed on the module frame or module bracket
- * Different optimizer models can be used in same system or same string
- * 1MW may require multiple inverters, this installation diagram takes a single inverter as an example