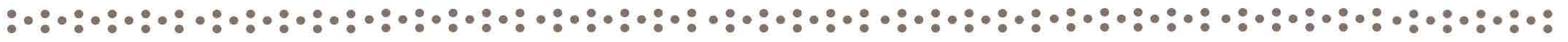
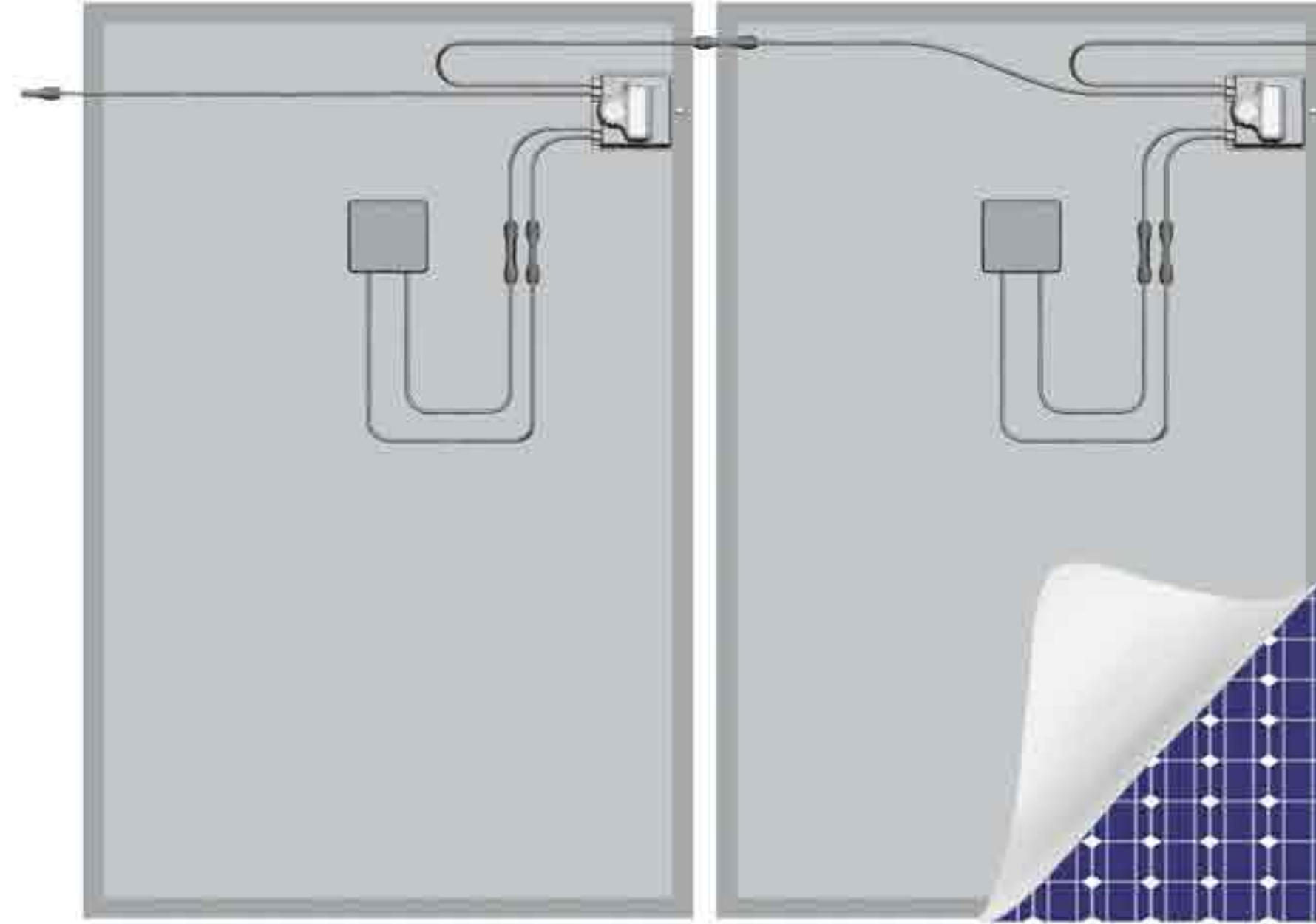


Sole Power Optimizer Honeybee 400 / ~600



Product Picture



Product features

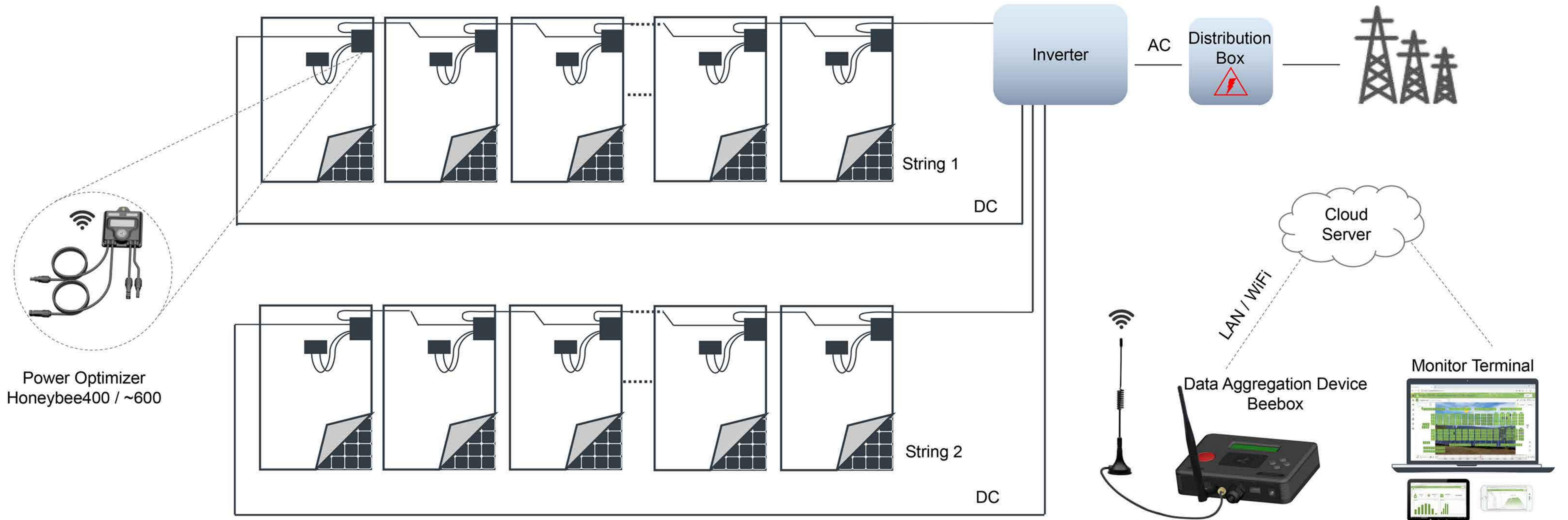
- ⚙️ Module level Maximum Power Point Tracking(MPPT), 5-25% more power yield.
- ⚙️ Real-time panel monitoring, timely warning and positioning the problem.
- ⚙️ Secure solar system, remote shutdown, elimination of high voltage danger.
- ⚙️ Module added-on, compatible with third party inverter, available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

Technical Data

Product Code	Honeybee400	Honeybee600
INPUT		
Max Input Power	450 W	600 W
Max Input Voltage		75 V
Max Input Current	13 A	15 A
MPPT Voltage Range	12 V ~ 70 V	12 V ~ 75 V
OUTPUT		
Max Output Power	450 W	600 W
Output Voltage Range		0~75V
Communication		Wireless/PLC
System Voltage		1000 V / 1500 V
Max Output Current	13 A	15 A
EFFICIENCY		
Max Conversion Efficiency		99.60%
INSTALLATION SPECIFICATION		
Size	130.3 x 109.6 x 25 mm	
Weight	588 g	
Input (Output) Connector	Compatible with MC4	
Working Temperature	-40 ~ 85 °C	
Ingress Protection	IP68	
Relative Humidity	0~100%	
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 (Added-on Optimizer, Wireless Communication, Residential Project)

Case :
10KW PV Station: 26pcs 390W Panels, 2 strings
26pcs Honeybee400 / ~600 + 1pcs Beebox



Notes:

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

PV Module Level Optimization & Monitoring Solution (Added-on Optimizer, Wireless Communication)

Case :
10KW PV Station: 390W Panels 26pcs, 2 strings
26pcs Honeybee400 / ~600 + 1pcs Beehive + 1pcs swarm

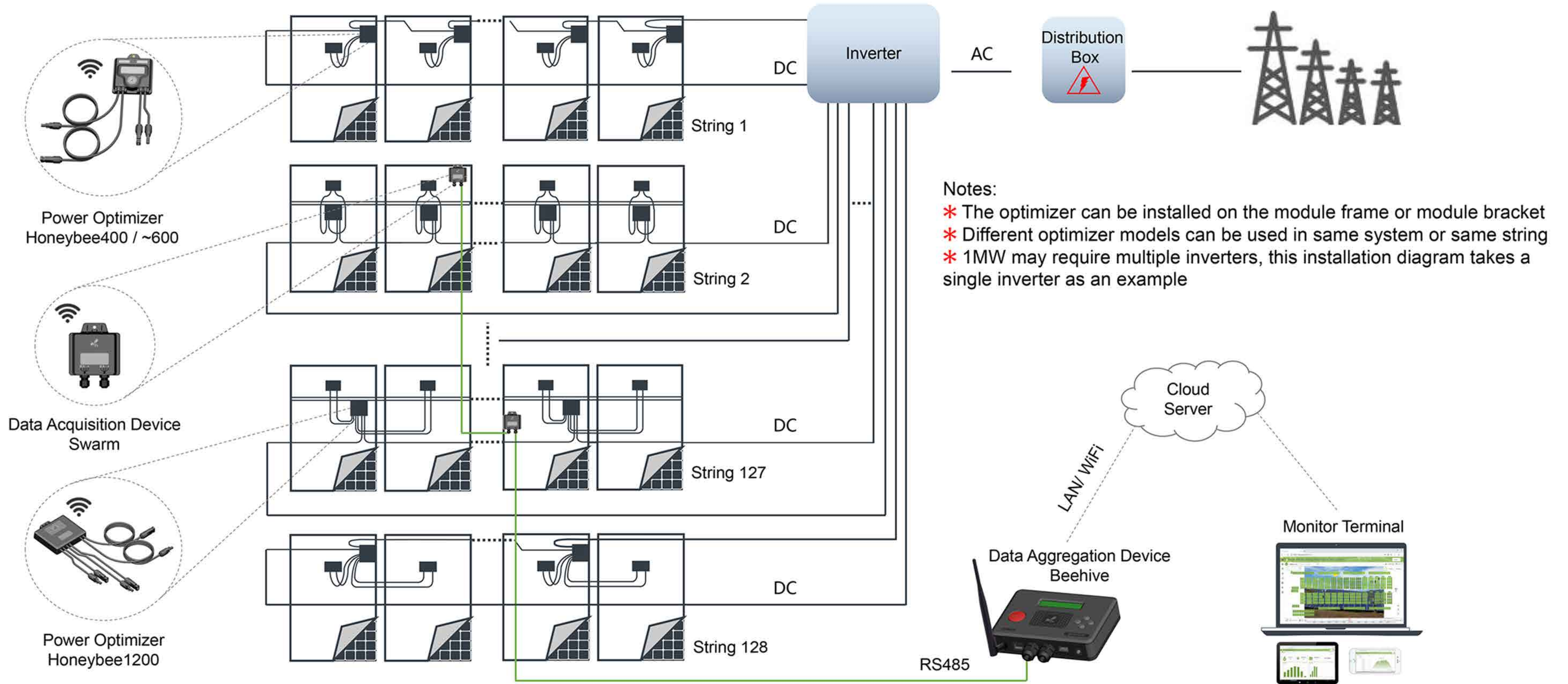


Notes:

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

PV Module Level Optimization & Monitoring Solution (Added-on 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 Honeybee1200 + 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