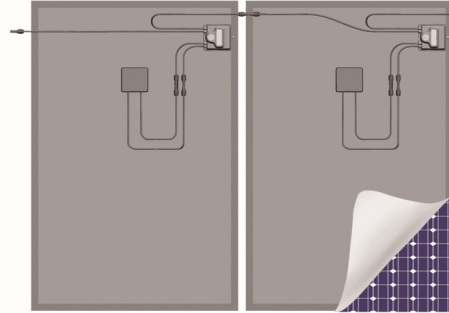


Sole Power Optimizer Honeybee850

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	Honeybee850
INPUT	
Max. Input Power	850W
Max. Input Voltage	60VDC
Operating Voltage Range	14 ~ 60VDC
MPPT Voltage Range	14 ~ 60VDC
Isc	23A
Max. Input Current	21A
OUTPUT	
Max. Output Power	850W
Voltage Range	0 ~60VDC
Max. Output Current	21A
Max. Efficiency	99.60%
OTHERS	
Max. System Voltage	1500VDC
Operating Temperature Range	-40 ~ +85 °C
Relative Humidity	0~100%
Ingress Protection	IP68
Protective Class	II
Communication	915M / 2.4G / PLC
INSTALLATION SPECIFICATION	
Size	130.3×109.6×25mm
Weight	540g
Connector (Input/Output)	Compatible with MC4
STANDARD / CERTIFICATION	
Safety	IEC/EN 62109-1:2010 the Low Voltage Directive(2014/35/EU)
EMC	EN 61000-6-1:2007 EN 61000-6-3:2007/+A1:2011 EN 61000-6-2:2005 EN 61000-6-4:2007/+A1:2011 the EMC Directive(2014/30/EU)
Certification	CE

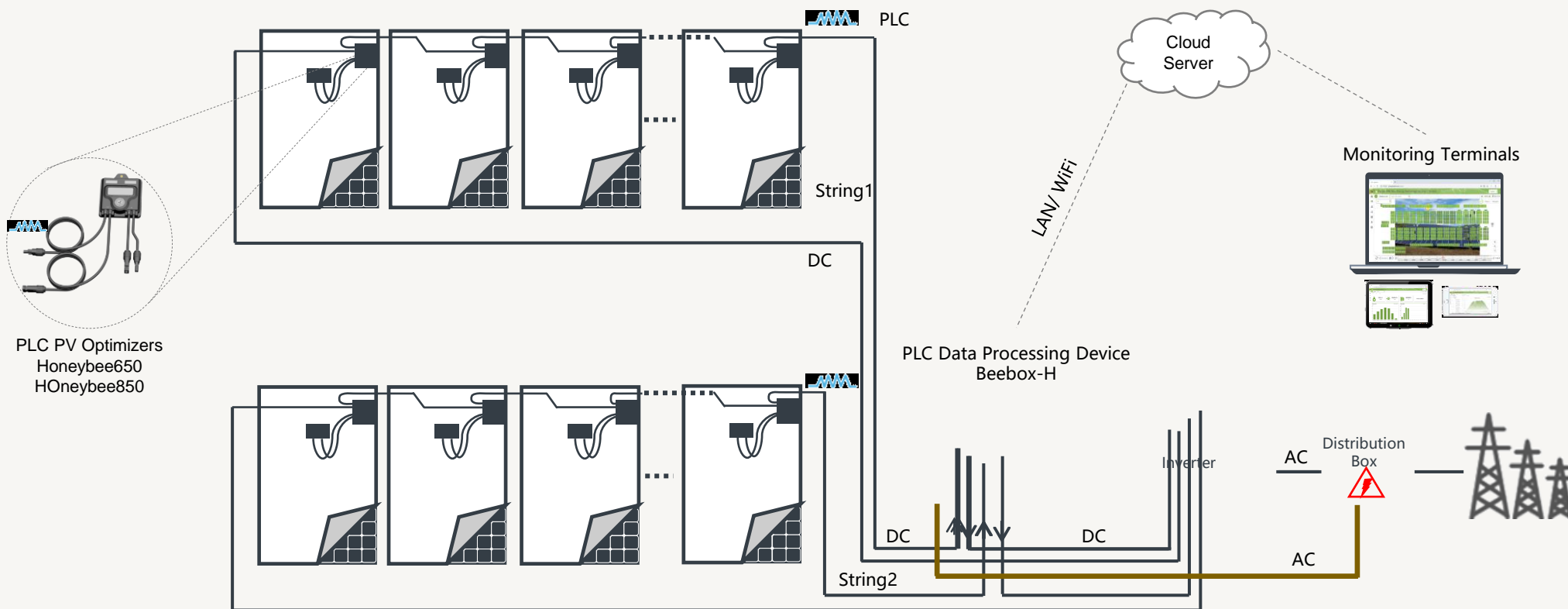


GNE PV Module Optimization & Monitoring & Shutdown Diagram

----- (Add-on Optimizers, PLC Communication, Residential Projects)

Case: 10kW PV System, 500W module 20pcs, 2 Strings

20 PLC Honeybee650 / Honeybee850 + 1 Beebox-H



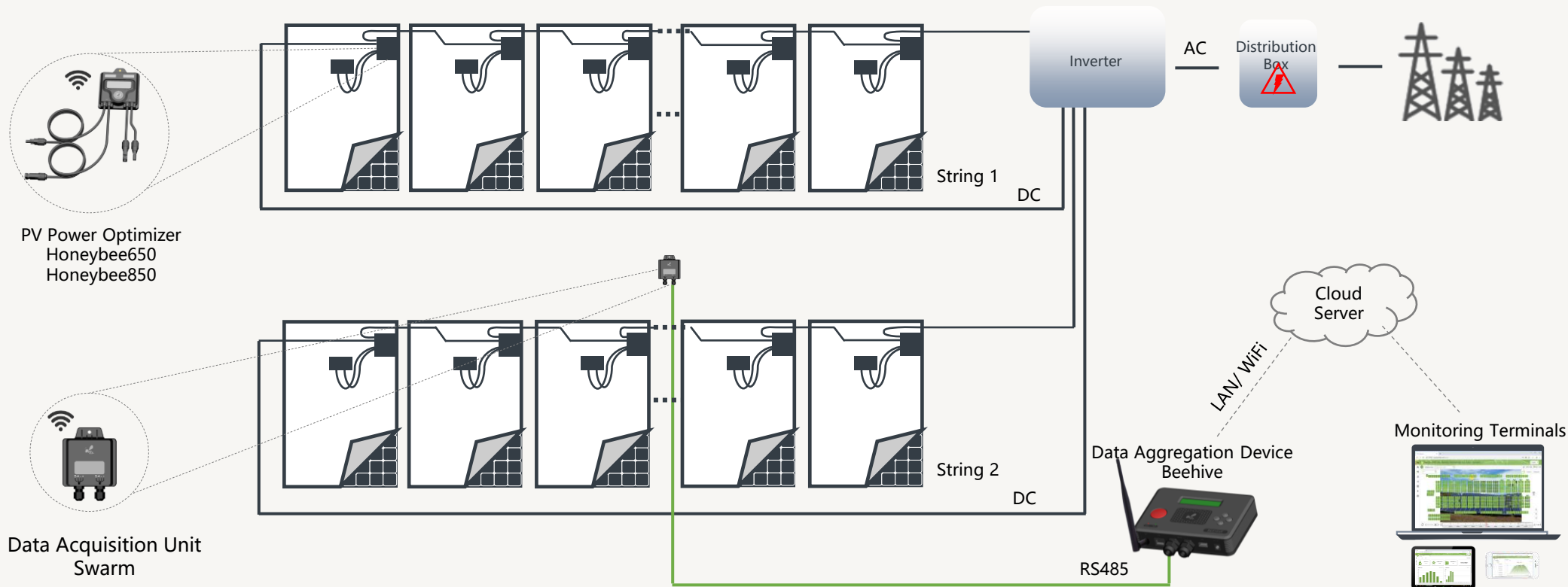


GNE PV Module Optimization & Monitoring & Shutdown Diagram

----- (Add-on Optimizers, RF 2.4G/915M/868M, Residential Projects)

Case: 10kW PV System, 500W module 20pcs, 2 Strings

20 Honeybee650 / Honeybee850 + 1 Swarm + 1 Beehive





GNE PV Module Optimization & Monitoring & Shutdown Diagram

----- (Add-on Optimizers, RF 2.4G/915M/868M, Medium or Large Scale Projects)

Case: 1MW PV System, 500W module 2000pcs, 20 modules per string, 100 Strings

2000 Honeybee650 / Honeybee850 or 1000 Honeybee1600 + 10 Swarm + 2 Beehive

