

Data Processing Device Swarm + Beehive

Product Picture





Product features

- Automatic dynamic networking, with self-healing function.
- Multi communication methods.
- Automatic primary route relay function.
- Local or remote shutdown in emergency circumstances.

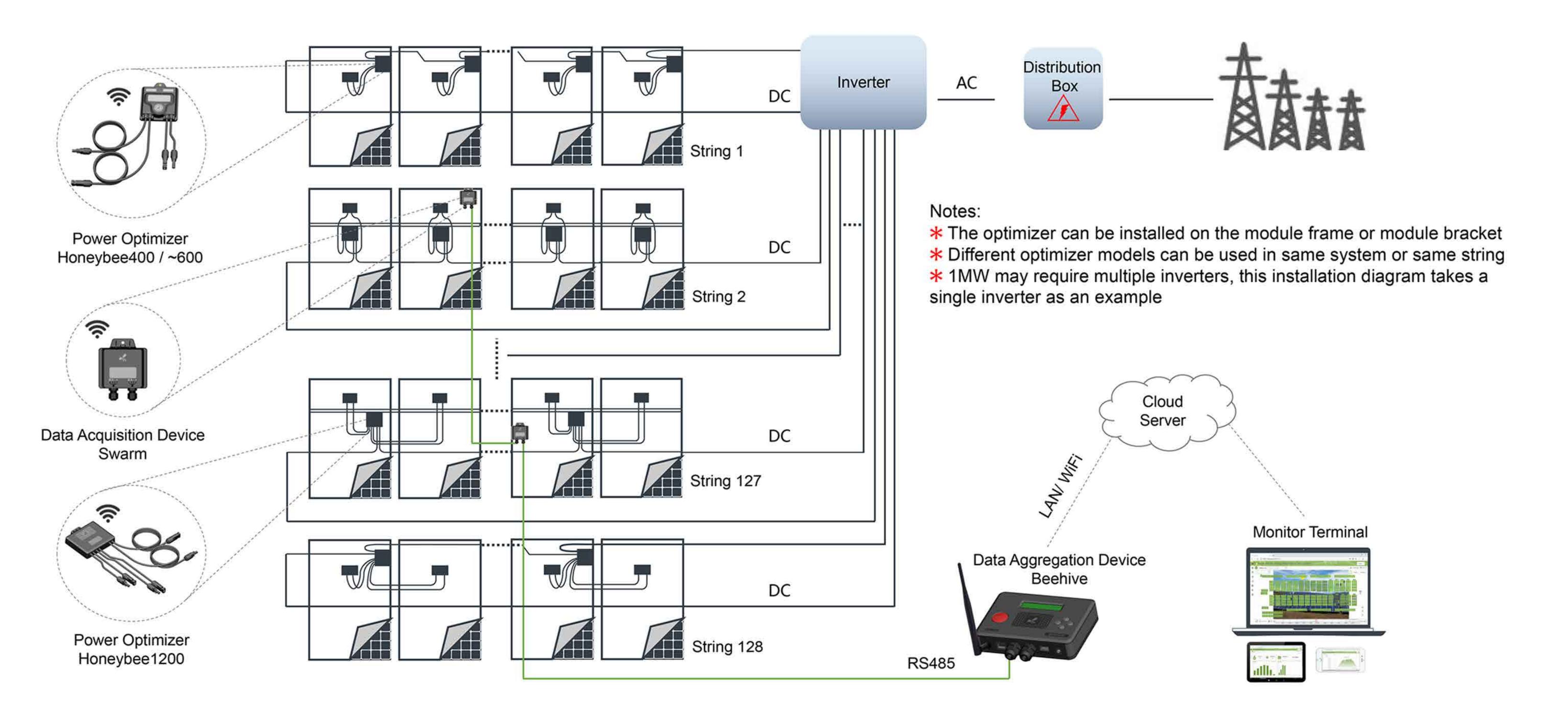
Technical Data

| Product Code | Swarm | |
|---|---|--|
| TECHNICAL DATA | | |
| Working Voltage | 12 V | |
| Working Current | 25 mA | |
| Power Consumption | ≤0.3 W | |
| Installation Specification | | |
| Connector | RS485*2 | |
| Wireless Range | (Swarm to Honeybee)≤50m | |
| Wireless Band | 915 M / 2.4G Hz | |
| Max No. of Bees | ≤200 Pcs | |
| Size | 124 × 99 x 32 mm | |
| Weight | 155 g | |
| Working Temperature | -40°C ~ 85°C | |
| Ingress Protection | IP65 | |
| Product Code | Beehive | |
| TECHNICAL DATA | | |
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| Working Voltage | 12 V | |
| The Action Office and Action Management and | 12 V 250 mA | |
| Working Voltage | | |
| Working Voltage Working Current | 250 mA | |
| Working Voltage Working Current Power Consumption | 250 mA | |
| Working Voltage Working Current Power Consumption INSTALLATION SPECIFICATION | 250 mA ≤3 W | |
| Working Voltage Working Current Power Consumption INSTALLATION SPECIFICATION Connector | 250 mA ≤3 W RS485*2、RJ45、USB2.0 | |
| Working Voltage Working Current Power Consumption INSTALLATION SPECIFICATION Connector No. of connectable Honeybees | 250 mA ≤3 W RS485*2、RJ45、USB2.0 ≤1000 Pcs | |
| Working Voltage Working Current Power Consumption INSTALLATION SPECIFICATION Connector No. of connectable Honeybees No. of connectable Swarms | 250 mA ≤3 W RS485*2、RJ45、USB2.0 ≤1000 Pcs ≤5 Pcs | |
| Working Voltage Working Current Power Consumption INSTALLATION SPECIFICATION Connector No. of connectable Honeybees No. of connectable Swarms Size | 250 mA ≤3 W R\$485*2、RJ45、U\$B2.0 ≤1000 Pcs ≤5 Pcs 158 x113 x 36.8 mm | |
| Working Voltage Working Current Power Consumption INSTALLATION SPECIFICATION Connector No. of connectable Honeybees No. of connectable Swarms Size Weight | 250 mA ≤3 W RS485*2、RJ45、USB2.0 ≤1000 Pcs ≤5 Pcs 158 x113 x 36.8 mm 300 g | |

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

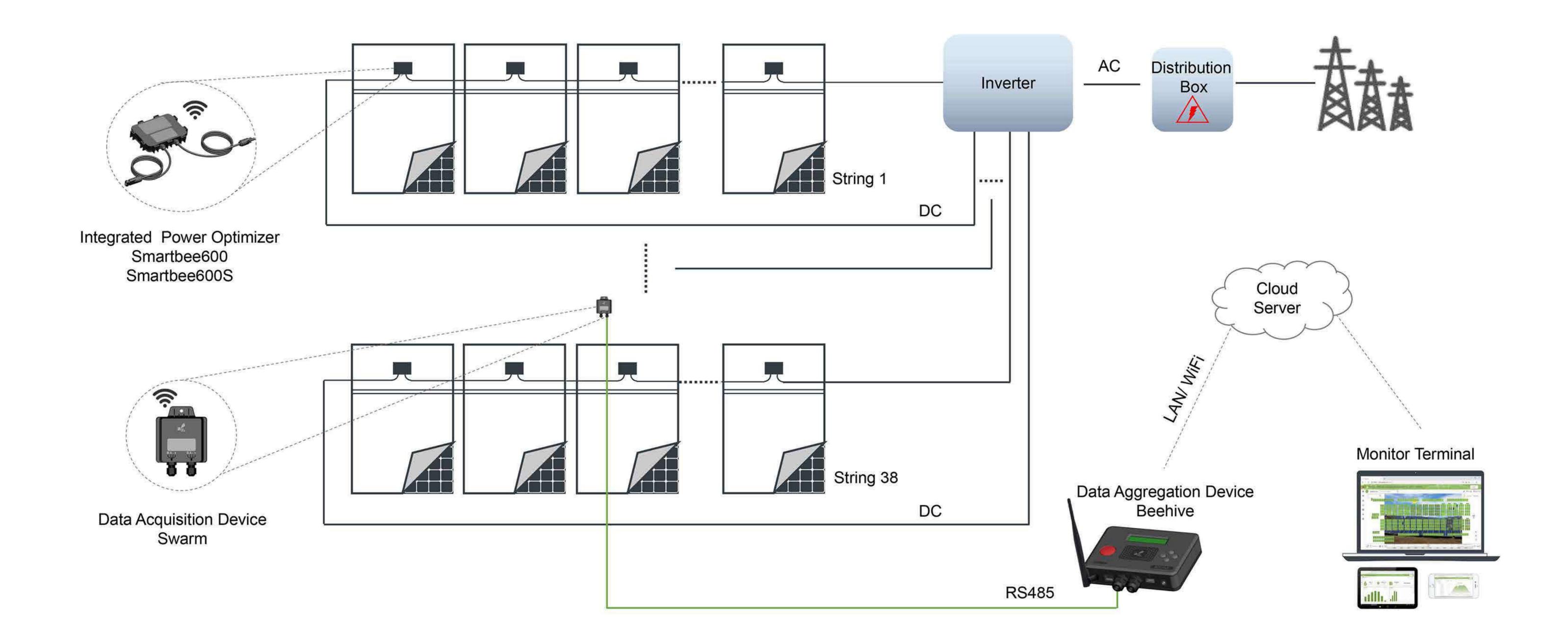
Case:
1MW PV Station: 2560pcs 390W Panels, 20 Panels per string, 128Strings in total

2560pcs Honeybee400 / ~600 or 1280pcs Honeybee1200 + 13pcs Swarm + 3pcs Beehive

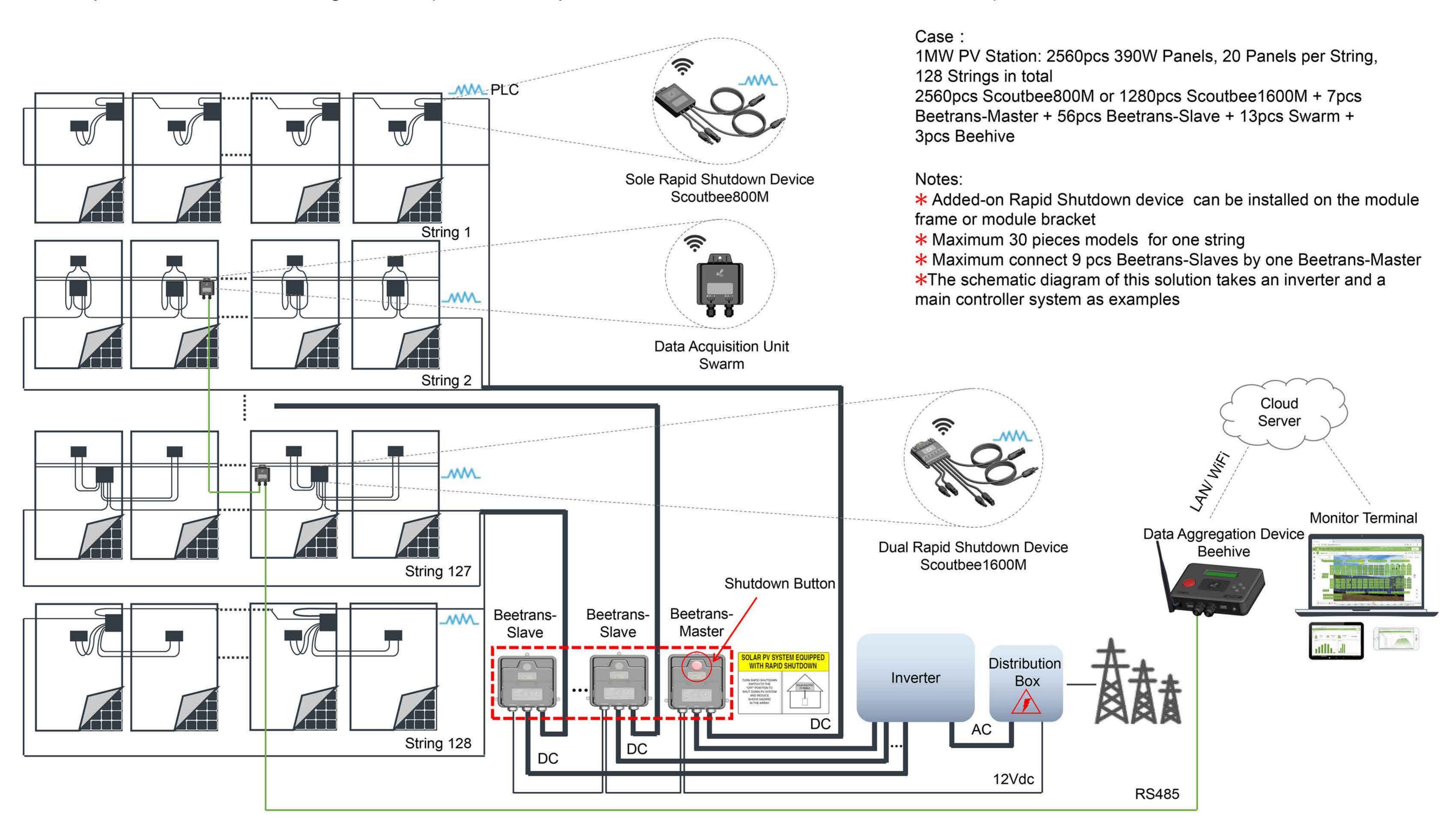


PV Module Level Optimization & Monitoring Solution (Integrated Optimizer, Wireless Communication)

Case:
300KW PV Station: 760pcs 390W Panels, 38 Strings
760pcs Smartbee600 or 760pcs Smartbee600S+ 4pcs Swarm + 1pcs Beehive



PV Rapid Shutdown & Monitoring Solution (Added-on Rapid Shutdown device, RF+PLC Communication)



Rapid Shutdown & Monitoring Solution (Added-on Rapid Shutdown Device, RF+PLC Communication)

Case:

10MW PV Installation: 25600pcs 390W Modules, 20 Panels per String, 1250 Strings in total 25600pcs Scoutbee800M or 12800pcs Scoutbee1600M + 79pcs Beetrans-Max + 128pcs Swarm + 26pcs Beehive

