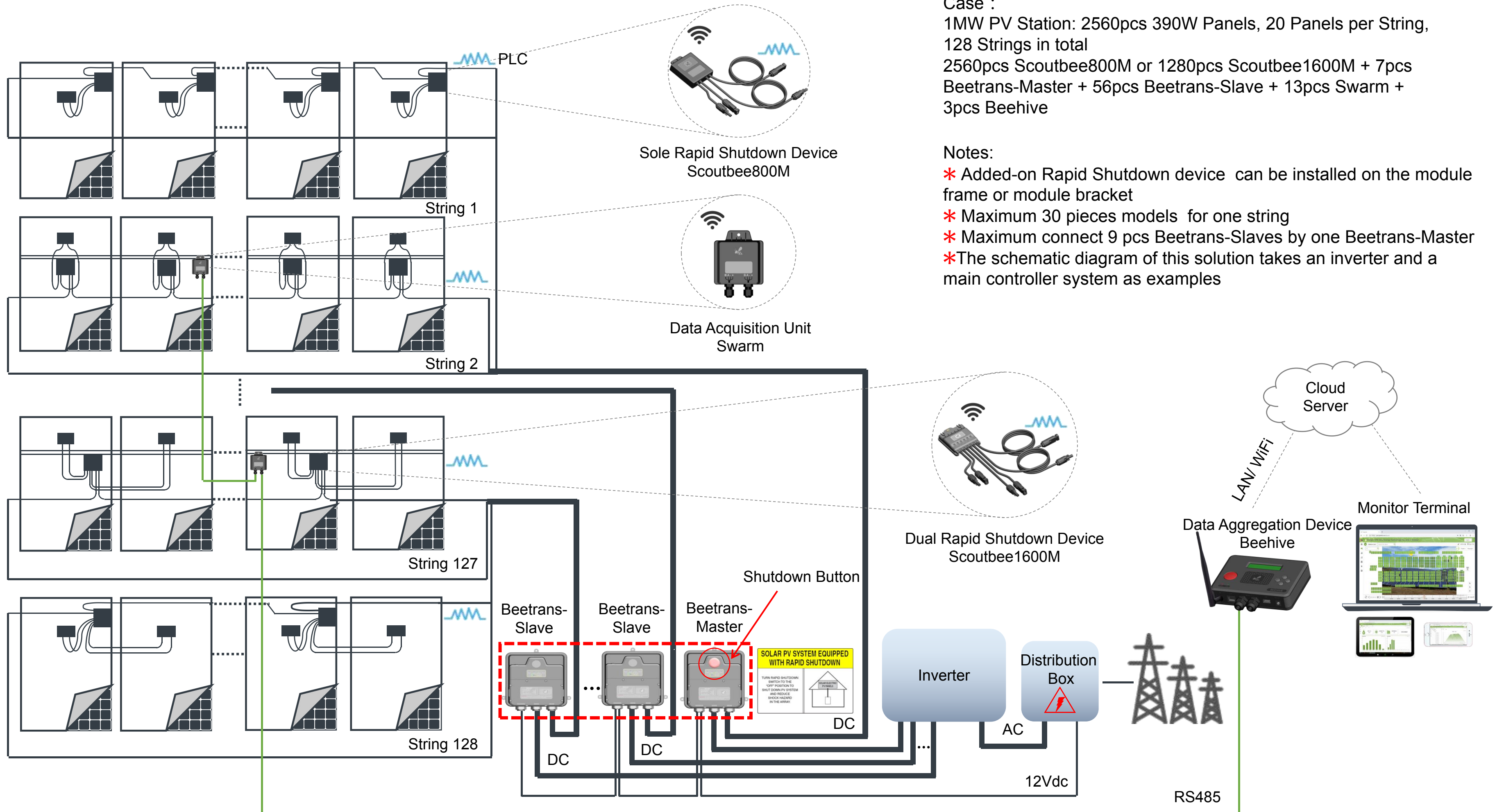


# PV Rapid Shutdown & Monitoring Solution (Added-on Rapid Shutdown device, RF+PLC Communication)



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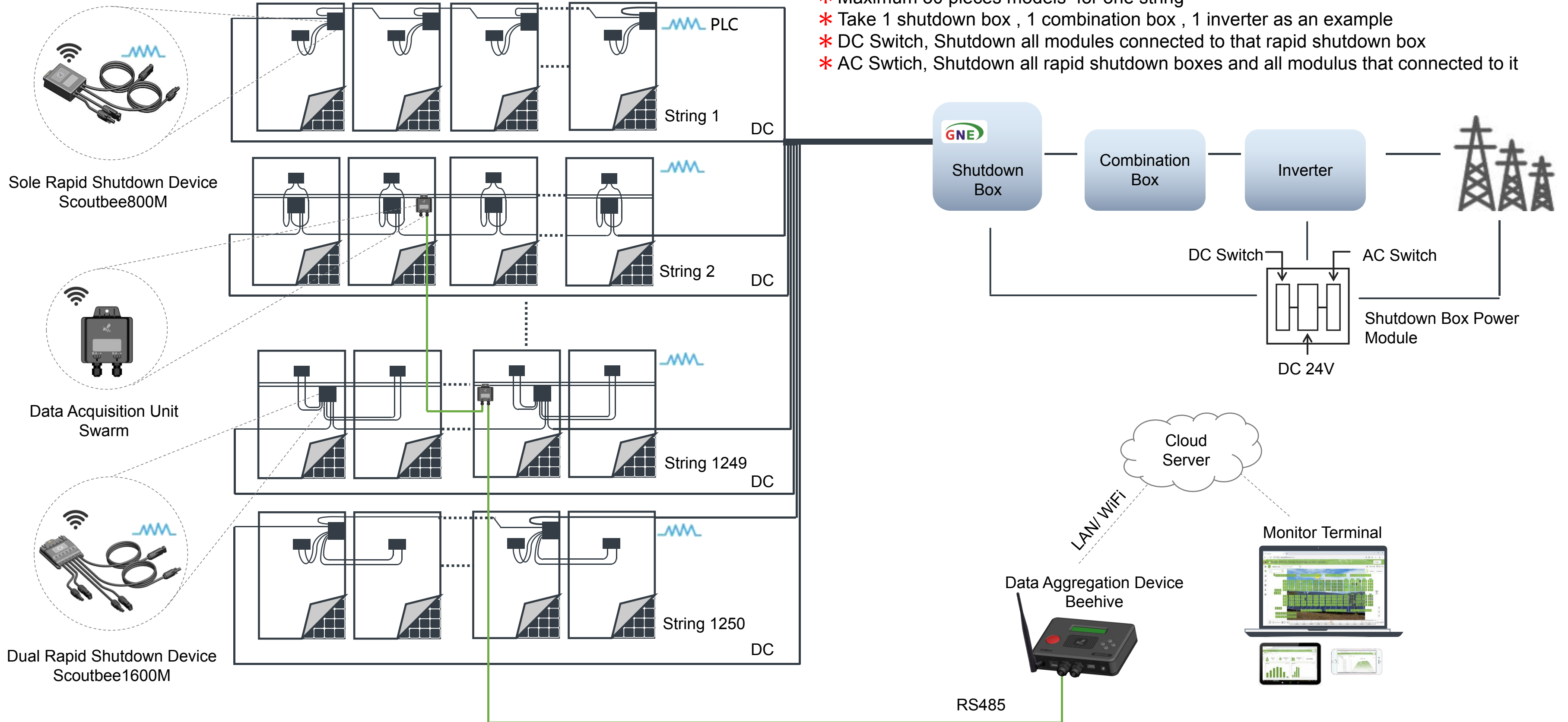
Case :

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

Notes:

- \* Added-on Rapid Shutdown device can be installed on the module frame or module bracket
- \* Maximum 30 pieces models for one string
- \* Take 1 shutdown box , 1 combination box , 1 inverter as an example
- \* DC Switch, Shutdown all modules connected to that rapid shutdown box
- \* AC Switch, Shutdown all rapid shutdown boxes and all modulus that connected to it



Sole Rapid Shutdown Device Scoutbee800M

Data Acquisition Unit Swarm

Dual Rapid Shutdown Device Scoutbee1600M

RS485

Cloud Server

Data Aggregation Device Beehive

Monitor Terminal

LAN/WiFi

DC Switch

AC Switch

Shutdown Box Power Module

DC 24V

String 1

DC

String 2

DC

String 1249

DC

String 1250

DC

PLC

Shutdown Box

Combination Box

Inverter

