

Shutdown Transmitter

Beetrans-Master / ~Slave



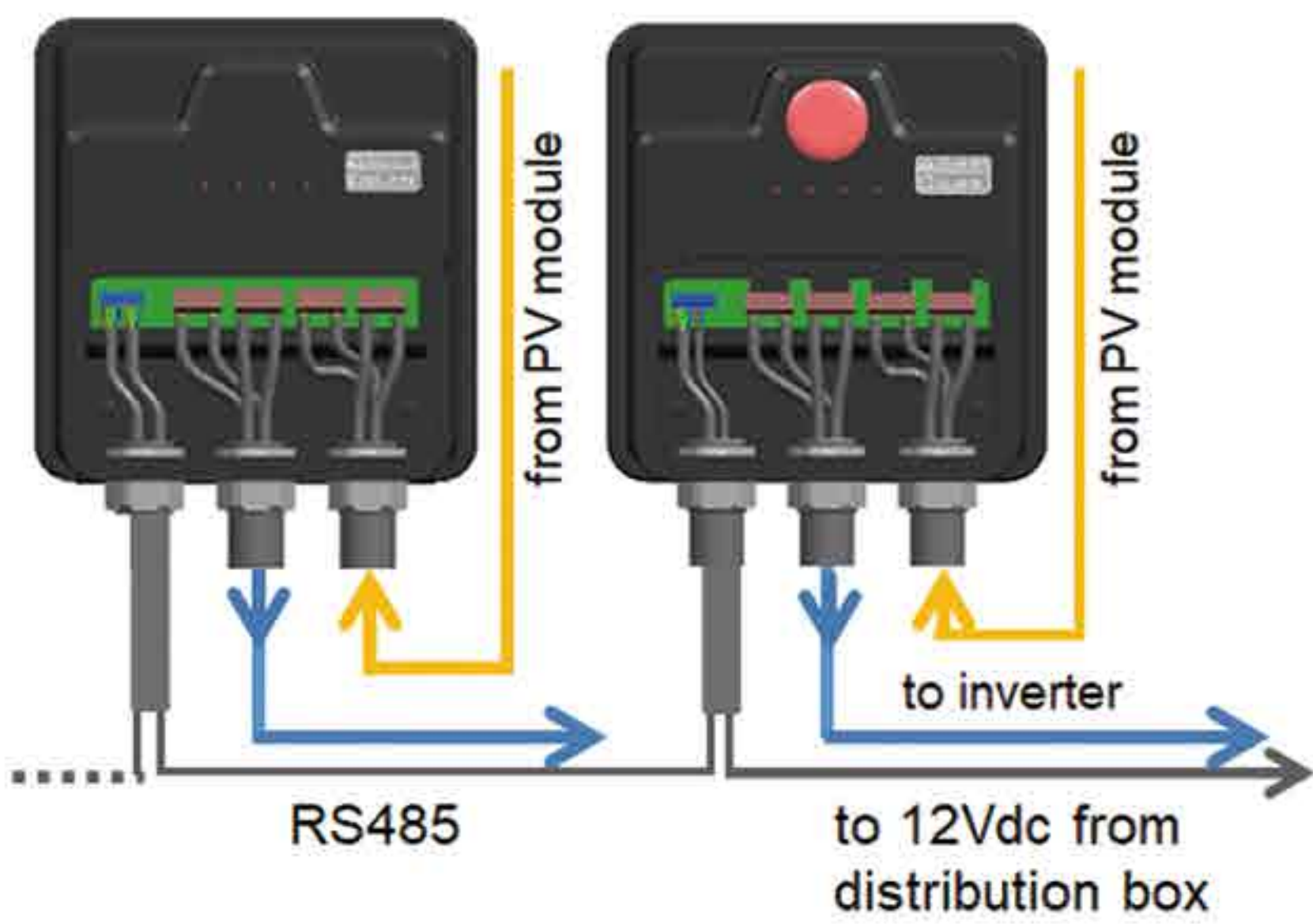
Product Picture



Beetrans - Master



Beetrans - Slave



Product features

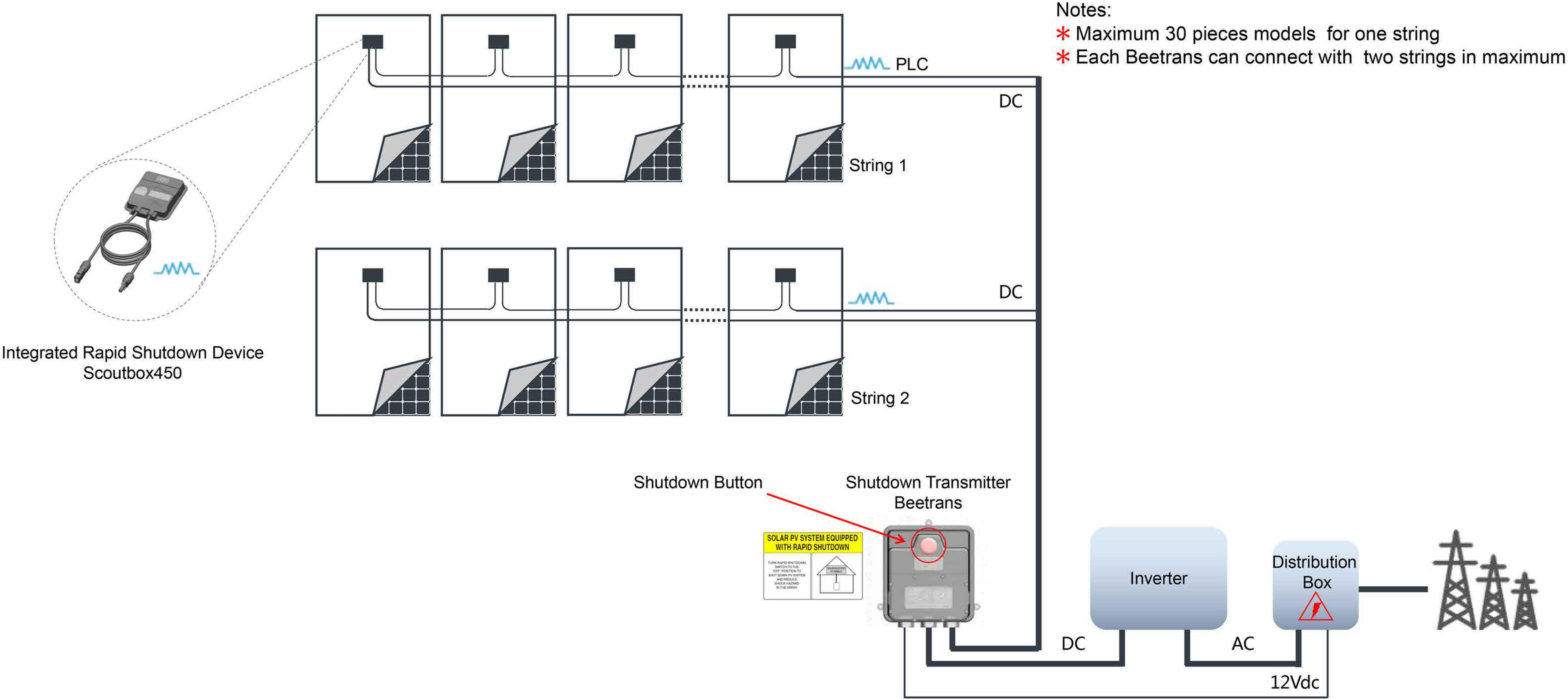
- Support two PV strings, suitable for most roof station.
- Cascade connection with Max. 10Pcs, suitable for large scale roof station.
- Communicate over Power Line Communications, no need additional communication cable, easy to install.
- String detect function to ensure shutdown system more secure and reliable.

Technical Data

Product Code	Beetrans-Master / ~Slave
TECHNICAL DATA	
Working Voltage	12 V
Average Power Consumption	1.2 W
Support Strings	2 strings
Max Single String Current	15 A
Cascade Control	Yes
Maximum of Cascade	10 pcs
System Voltage	1000 V / 1500 V
INSTALLATION SPECIFICATION	
Size	220 x 210 x 65 mm
Number of Bore	3
Bore Diameter	27.8 mm
EMT tube	3/4 inch
Weight	850 g
Type of Communication	PLC / RS485
Temperature Range	-20 ~ 60°C
Relative Humidity Range	0 ~ 100%
Ingress Protection	IP65 / NEMA Type3R
STANDARD COMPLIANCE	
Regulations	NEC 2017 (690.12)
Safety	UL1741 , CSA C22.2 No. 330 , UL 1703 , ULC1703-01
EMC	FCC Part15 ClassB
	IEC61000-6-2 / IEC61000-6-3
	EN61000-6-2 / EN61000-6-3
Hardware and Software Safety Standards	UL 991 , UL 1998 , CSA C22.2 No. 0.8 -12

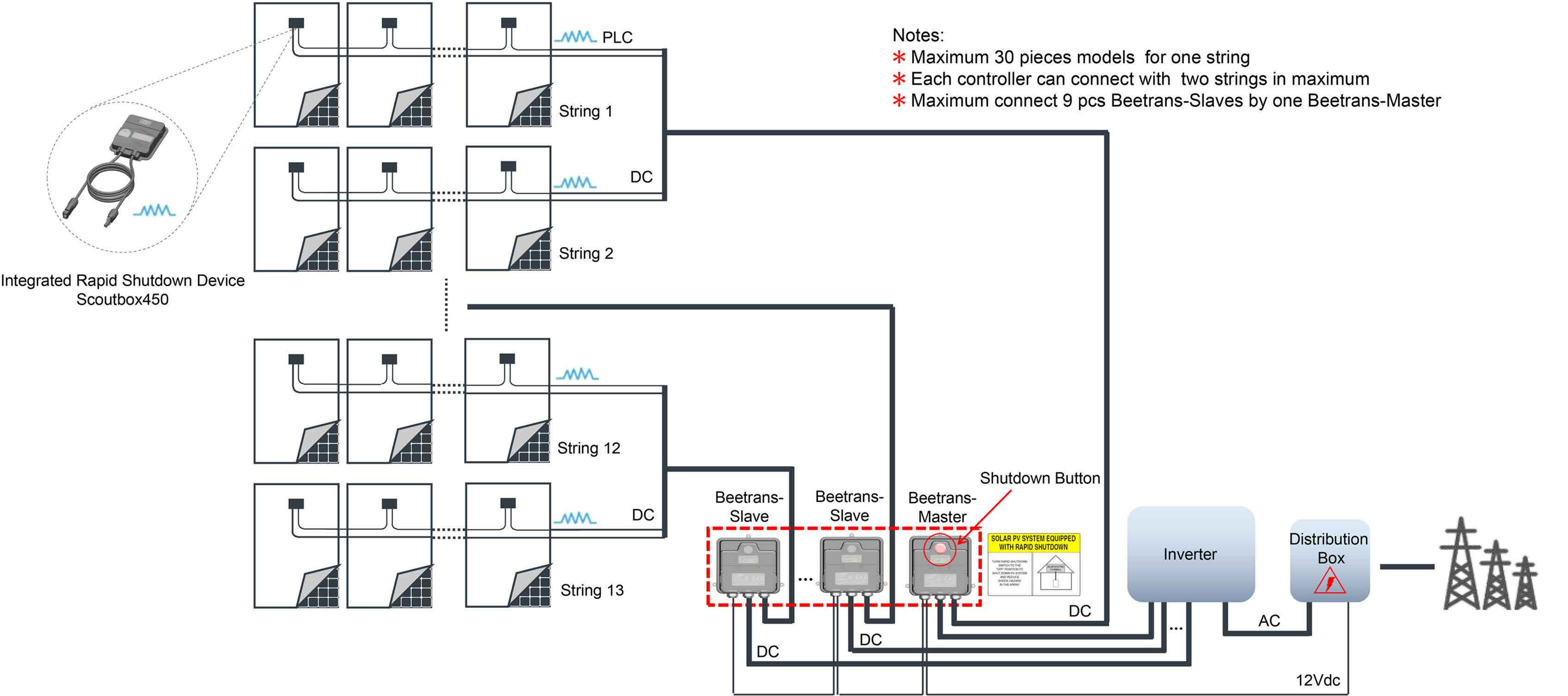
PV Rapid Shutdown Solution (Integrated Rapid Shutdown device, PLC Communication)

Case :
10KW PV Station: 26pcs 390W Panels, 2 Strings
26pcs Scoutbox450 + 1pcs Beetrans-Master



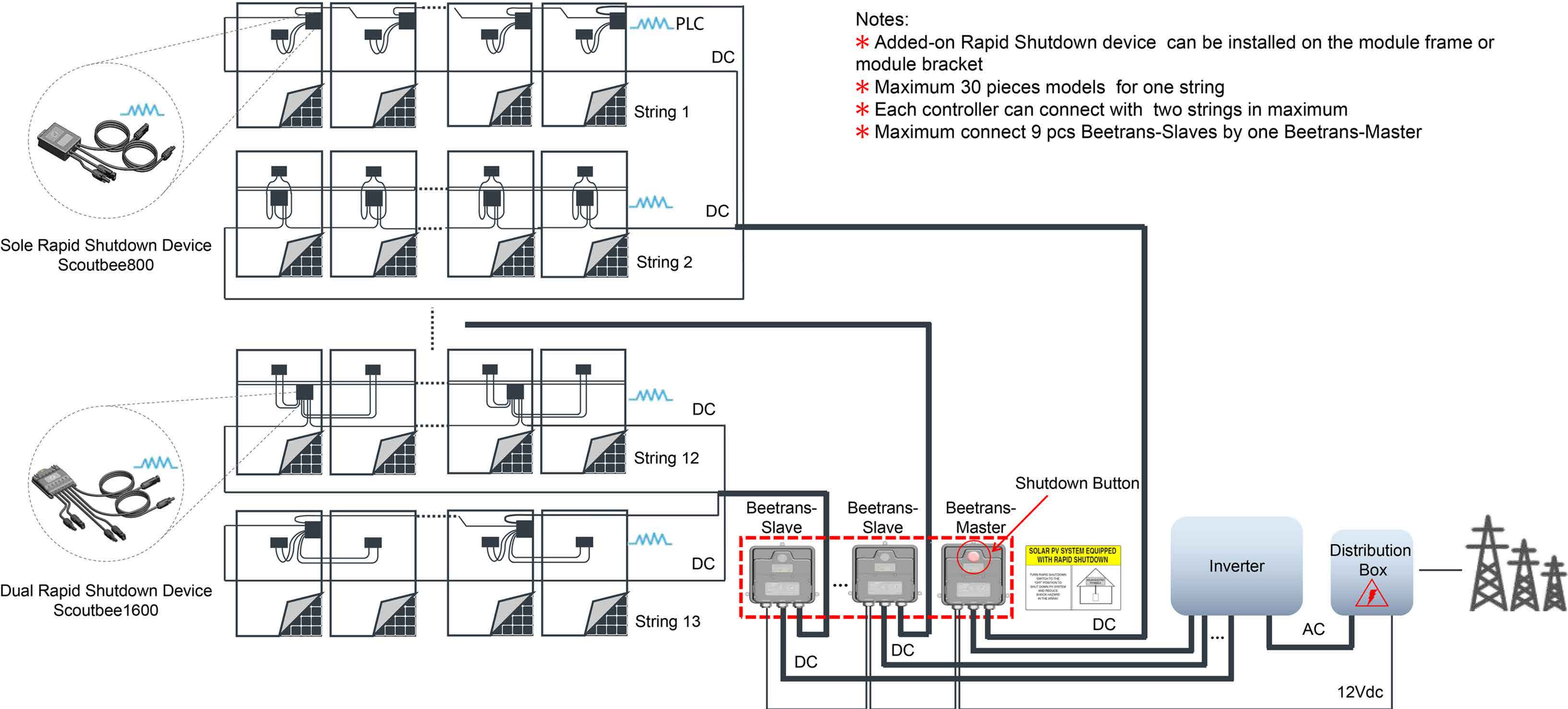
PV Rapid Shutdown Solution (Integrated Rapid Shutdown device, PLC Communication)

Case :
100KW PV Station: 260pcs 390W Panels, 20 Panels per String, 13 Strings in total
260pcs Scoutbox450 + 1pcs Beetrans-Master + 6pcs Beetrans-Slave



PV Rapid Shutdown Solution (Added-on Rapid Shutdown device, PLC Communication)

Case :
100KW PV Station: 260pcs 390W Panels, 20 Panels per String, 13 Strings in total
260pcs Scoutbee800 or 130pcs Scoutbee1600 + 1pcs Beetrans-Master + 6pcs Beetrans-Slave



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

