

Shutdown Control Box Beetrans-Max



Product Picture



Product features

- ⚙ Support maximum 16 strings, which can cascade all the related shutdown boxes of the whole power station, suitable for large scale project.
- ⚙ PLC Communication, no need additional communication cable, easy to install.
- ⚙ String detect function to ensure shutdown system more secure and reliable.
- ⚙ DC and AC shutdown methods to shut down part or the entire system as needed.

Technical Data

Product Code	Beetrans-Max
TECHNICAL DATA	
Max Single String Current	15 A
Average Power Consumption	5 W
System Voltage	1000 V / 1500 V
INSTALLATION SPECIFICATION	
Size	600 x 600 x 200 mm
Number of Connectors	17 pcs
Weight	15 kg
Support Strings	16 strings
Working Temperature	-25 ~ 65 °C
Relative Humidity	0 ~ 100%
Ingress Protection	IP65
Communication	PLC
Control Method	Parallel Connection
Quantity of Connection	Unlimited
STANDARD COMPLIANCE	
Certification	NEC 2017 (690.12) UL1741 CSA C22.2 No.330

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

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

