

BFS Series

Solar Panel Rapid Shutdown Junction Box



BFS Series

Application

ZBENY BFS-31 is designed as a solar panel junction box with rapid shutdown function to meet NEC2017 for solar building fire safety. Operates with most of standard PV module.

The BFS-31 completes a rapid shutdown solution with the Sunspec signal transmitter.

BFS-21 Specifications

Electrical

Range of Operatong Voltage:	18-90V input
Max operating current (A dc):	18A
Max. input power(W):	1620W total
Max. array short circuit current (A dc):	18A
Output DC Voltage(V dc):	18-90V
Rated Max. output current (A dc):	18A
Communication:	PLC(DC Power Line),SunSpec certificate Microsecond response RSD

Mechanical

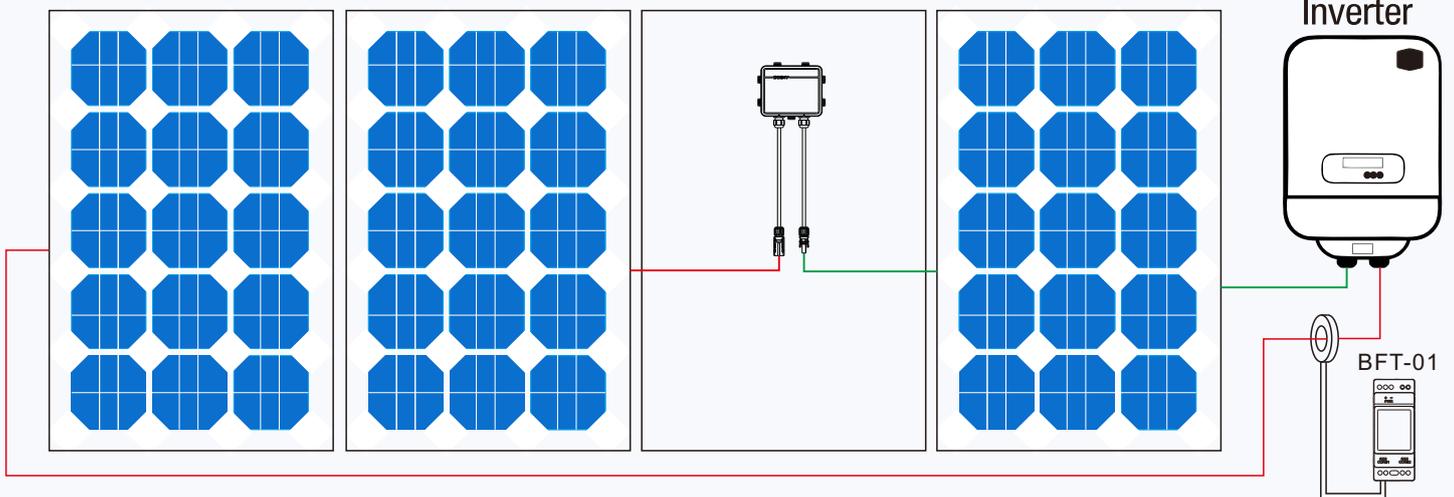
UL 50 E Enclosure Type Rating:	4X
Connectors:	MC4(standard),Jinko connectors for option
Output Cable Length:	1800mm

Environmental

Operating Temperature:	-30°C to- +80°C
Ambient Operating Temperature:	-30°C to- +55°C
Over Temperature Protection:	85°C
Certificate and Standards:	UL 1741 PVRSS and PVRSE listed , NEC 2014/2017/2020 690.12
Warranty:	BFS-31:25Years

Junction Box wiring:

Panel Voltage $\leq 90V$



Dimension

