

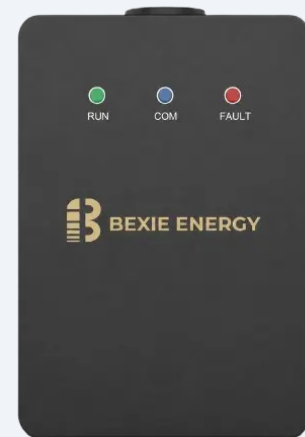
## TECHNICAL DATASHEET

## RSD Monitoring Device

BFS-MH-01-N

// RESIDENTIAL USE // COMMERCIAL USE // UTILITY SCALE

RSD monitoring device BFS-MH-01-N for real-time supervision of rapid shutdown systems. It enables fault detection, simultaneous control of multiple devices, and automatic disconnection in the event of AC power loss, ensuring maximum safety in photovoltaic installations.



- ✔ Simultaneous monitoring of multiple rapid shutdown devices.
- ✔ Real-time fault and communication status detection.
- ✔ Powered by grid AC or inverter AC side.
- ✔ Automatic DC shutdown in case of AC power loss.

## FEATURES



ON/OFF GRID



SMART MONITORING



CLOUD CONTROL



IP65 PROTECTION



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MODEL	ONE CHANNEL	THREE CHANNEL
<b>PARAMETERS</b>		
Rated Working Voltage	100V - 240VAC	
Interactive Mode	Touch screen and indicator light	
Maximum Power consumption	60W	180W
Operating Temperature	-25°C ~ 55°C	
Storage Temperature	-30°C ~ 80°C	
IP Class Protection	IP65	
Overvoltage Category	II	
Maximum Altitude	2,000m	
Dimension	360mm x 260mm x 152.5mm	
Weight	3.1kg	8.2kg
<b>COMMUNICATION MODE</b>		
Max. Number of Channel	1	3
Max. Number of Circuit Per Channel (1 end cable is required per circuit)	4	
Max. Distance: (End cable length: from first RSD to the Monitoring Device)	150m	
Max. Number of RSD Per Circuit	BFS-A1: 40 BFS-A2: 20	
Total max. Number of RSD Per Monitoring Device	A1: 100 A2: 50	A1: 3 x 4 x 40 = 480 A2: 3 x 4 x 20 = 240