

Scoutbee800/Scoutbee800M

Sole Rapid Shutdown Device



Product Features

- ⚙️ Module-level shutdown to shut off the source high voltage of string, completely eliminating the risk of personal shock
- ⚙️ Default shutdown state to ensure safety of personnel for installation and maintenance
- ⚙️ PLC communication, no need of additional communication cable, and convenient for installation
- ⚙️ Safe and reliable, with function of output short circuit protection, no risk of high temperature for any component failure
- ⚙️ 25 years lifespan, perfectly matching solar modules

Product Code	Scoutbee800	Scoutbee800M
INPUT		
Max. Input Power	800W	
Max. Input Voltage	80VDC	
Operating Voltage Range	12 ~ 80VDC	
Max. Input Current	20A	
OUTPUT		
Voltage Range	12~80VDC	
Max. Output Current	20A	
Max. Output Power	800W	
Shutdown Voltage	0.8~1VDC	
Efficiency	>99.8%	
Default Working State	Shutdown	
ShutdownTime	15Seconds	
COMMUNICATION		
Rapid Shutdown	PLC (Power Line Communication)	
Real-time Monitoring	Wireless(868M/915M/2.4G)	
OTHERS		
Temperature range	-40 ~ +85 °C	
Relative humidity range	0~100 %	
Ingress Protection	IP68	
Protective Class	II	
INSTALLATION SPECIFICATION		
Max. No. of Modules per String	30Pcs	
Input Cable Length	200mm	
Output Cable Length	1000mm	
Size	107×82×20mm	
Weight	360g	
Connector (Input/Output)	Compatible with MC4	
STANDARD/ CERTIFICATION		
Regulations	NEC 2017 (690.12)	
Safety	IEC/EN 62109-1:2010 the Low Voltage Directive(2014/35/EU)	
EMC	EN IEC 61000-6-2:2019 EN 61000-6-3:2007/+A1:2011 the EMC Directive(2014/30/EU)	
Certification	CE	