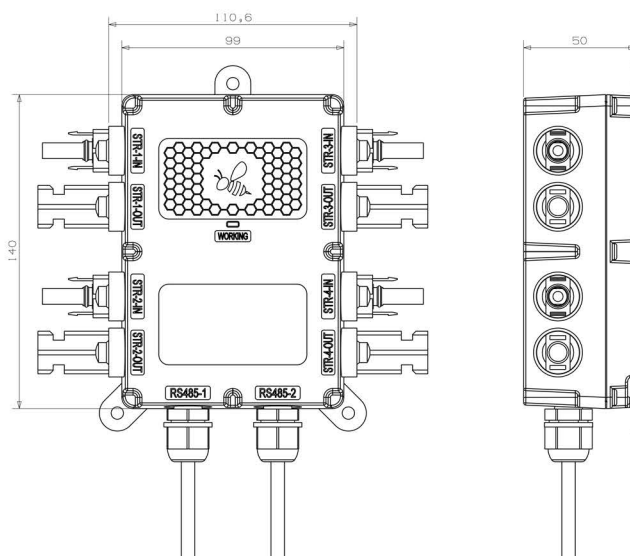




Beetrans-S4

Shutdown Controller



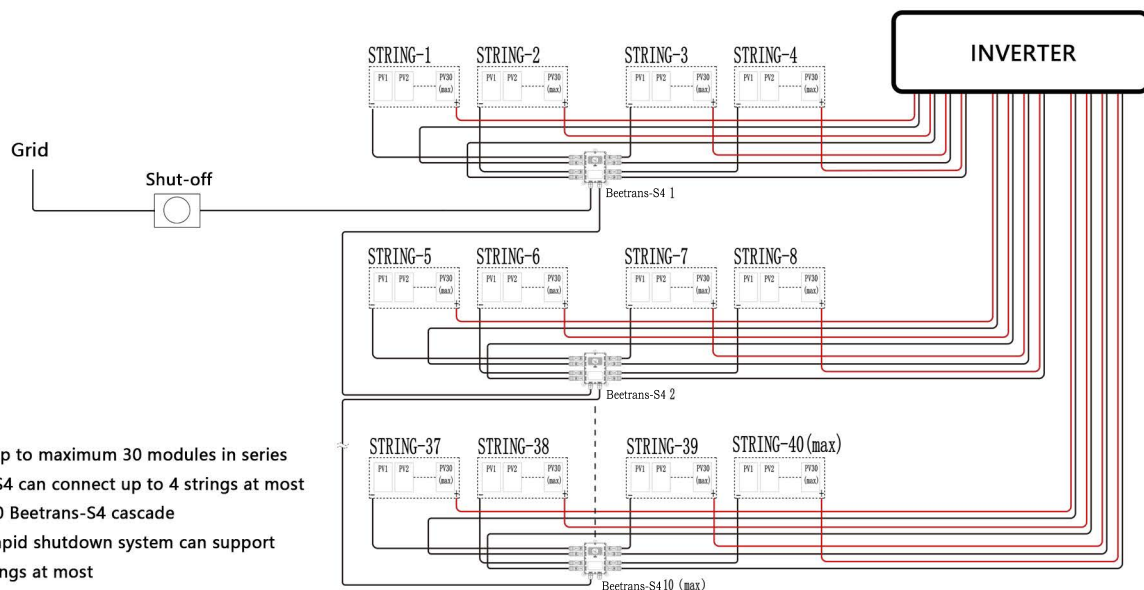
Product Description

- * The product can be used with GNE RSD to activate the rapid shutdown function
- * A single controller supports 4 strings of up to 30 modules per string
- * A single system supports up to 10 Beetrans-S4 cascaded through 485 wires
- * PLC communication, no additional communication cable, higher reliability

Specification

Model	Beetrans-S4
INPUT	
Maximum input Current Per String	20A
Support Strings	4 Strings
Maximum System Voltage	1000V / 1500V
Voltage & Frequency	12VDC
Extendibility	Support up to 10 Beetrans-S4 in series
INSTALLATION SPECIFICATION	
Connector	Compatible with MC4
Size	140 x 99 x 50.4 mm
Weight	504 g
Working Temperature	-40 ~ +85 °C
Ingress Protection	IP65
FUNCTION	
Local Rapid Shutdown Function	YES
Remote Rapid Shutdown Function	Optional
Open Circuit Voltage	YES
Automatic Shutdown After Power Failure	YES
Support Production Models	Scoutbee800/800M/1600/1600M
STANDARD/ CERTIFICATION	
Regulations	NEC 2017/2020 690.12 IEC/EN 62109-1:2010
Safety	the Low Voltage Directive(2014/35/EU) UL1741, CSA C22.2, UL1703
EMC	EN IEC 61000-6-2:2019 EN 61000-6-3:2007/+A1:2011 the EMC Directive(2014/30/EU)
Certification	CE

System Connection



- * A string of up to maximum 30 modules in series
- * A Beetrans-S4 can connect up to 4 strings at most
- * Maximum 10 Beetrans-S4 cascade
- * The entire rapid shutdown system can support up to 40 strings at most