





GSC Series PV Array Combiner box
DC1000V / DC1500V



 Positive & negative DC Fuse protection
Alarms for PV array and blown fuse

 IP65 protection
Anti-feedback diode optional

 Real-time monitoring to the status of Fuse, Breaker and SPD

 RS485 and Modbus-RTU protocol
String current and voltage monitoring

Technical Specifications

MODEL	GSC08-M	GSC12-M	GSC16-M	GSC08-DM	GSC12-DM	GSC16-DM
Input						
Max. PV string parallel inputs	8	12	16	8	12	16
Rated current for each string	15A					
Operating voltage range	200~1000Vdc					
System power	From PV array					
Diode spec	Without			55A/1600V		
Communication	RS485 / Modbus-RTU protocol , 9600bps					
Isolation resistance	>10MΩ					
Physical						
Dimensions W x D x H (mm)	720x200x514			720x240x640		
Weight(kg)	26	35		32	40	
Environment						
Operating temperature	-40 C ~ +65 C					
Humidity range	0 ~ 95% (non-condensing)					
Altitude	3000m					
Protection rating	IP65					

Technical Specifications

MODEL	GSC08-MH	GSC12-MH	GSC16-MH	GSC08-DMH	GSC12-DMH	GSC16-DMH
Input						
Max. PV string parallel inputs	8	12	16	8	12	16
Rated current for each string	15A					
Operating voltage range	400~1500Vdc					
System power	From PV array					
Diode spec	Without			55A/2100V		
Communication	RS485 / Modbus-RTU protocol , 9600bps					
Isolation resistance	>10MΩ					
Physical						
Dimensions W x D x H (mm)	810x206x680			840x235x680		
Weight(kg)	35		40			45
Environment						
Operating temperature	-40 C ~ +65 C					
Humidity range	0 ~ 95% (non-condensing)					
Altitude	3000m					
Protection rating	IP65					