

直流防雷汇流箱

PV Combiner Box



汇流箱用于将若干规格相同的光伏电池板串联成光伏串列，再将这些串列并联接入箱内。经过汇流箱汇集的直流电，通过控制器、直流配电柜、光伏逆变器、交流配电柜等设备配套使用，构成完整的光伏发电系统。

The combiner box is used to connect a number of photovoltaic panels with the same specifications into photovoltaic series, and then these series are connected in parallel to the box. The DC power collected by the convergence box will be used by the controller, DC distribution cabinet, solar inverter, AC distribution cabinet and other equipments to form a complete photovoltaic power generation system.



更高效率



可靠耐用



简单易用



易于维护

参数 Parameter

类型 Type	SI-CD-04	SI-CD-06	SI-CD-08	SI-CD-10	SI-CD-12	SI-CD-14	SI-CD-16	SI-D-18	SI-CD-20	SI-CD-24	SI-CD-30
IP保护类(IEC60529) IP Protection Class(IEC60529)	IP65/IP66										
IK耐冲击性扣环(IEC62262) IK Impact Resistance Classe(IEC62262)	IK08										
最大额定电压直流 Max Rated Voltage DC	1000V DC										
保险丝支架 Fuse Holder	1000V DC 30A										
直流开关/ MCCB能力 DC Switching/MCCB Capacity	50A	80A	100A	125A	160A	225A	250A	315A	350A	400A	630A
过载保护直流 Surge Protection DC	Type II/In=20KA, I _{max} =40KA, U _{cpv} =1000V DC										
过电压类别 Over-Voltage Category	CAT III										
直流输入数 Number of DC Inputs	4	6	8	10	12	14	16	18	20	24	30
直流输入接口 DC Input Connector	PG9, IP68										
输入电缆尺寸为负、正 Input Cable Size for Negative and Positive	Q4-8mm										
每路最大输入电流 Maximum input current per channel	10A/15A/20A/25A (根据光伏功率选配) (Selection according to the power of the photovoltaic panels)										
直流输出数 Number of DC outputs	1										
直流输出接口 DC Output Connector	根据电流选择型号, IP68 Select model according to current										
直流接地保护 Connection DC Earth Protection	材料:尼龙塑料, 海豹:硝基橡胶Buna, IP68 Material:Nylon Plastic, Seals: Nitrile Rubber Buna, IP68										
输出接地接口 Output Ground Connector	PG11, IP68										
温度/湿度范围 Temperature /Humidity Range	温度:-20~60℃, 湿度:0 - 95% Temperature:-20 ~ 60℃ , Humidity:0-95%										
高度 Altitude	≤2000米, 大于2000米需降额 ≤2000m, Greater than 2,000 meters requires a derating										
安装方式 Insatallation	壁挂式/ Padlockable门闩 Wall mounting/Padlockable Latch										

安装尺寸图 Installation Dimension Drawing

以SI-CD-16为例 Take SI-CD-16 for example:

