

直流防雷汇流箱

PV Combiner Box



更高效率

Higher efficiency



可靠耐用

Reliable and durable



简单易用

Easy to use



易于维护

Easy to maintain

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.

命名规则 | Naming rules

SI - CD - 04 - M - HT

产品系列 Product series

汇流箱 Combiner box

回路数Number of circuits c

04: 4路 4 circuits

30: 30路 30 circuits

- 高温款标志，常规款该位没有
High-temperature model ,
the conventional models of this bit is not

- 选配监控单元，如不配置则该位没有
Optional monitoring unit, if not configured,
the bit is not

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-28	SI-CD-30	SI-CD-32
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	100A	125A	125A	160A	200A	250A	250A	315A	350A	400A	500A	500A	550A
过载保护直流 Surge Protection DC	Type II/In=20KA, Imax=40KA, Ucpv=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	28	30	32
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	20A（可根据光伏板功率另配） 20A(can be matched according to the power of 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												

类型 Type	SI-CD-04-HT	SI-CD-06-HT	SI-CD-08-HT	SI-CD-10-HT	SI-CD-12-HT	SI-CD-14-HT	SI-CD-16-HT	SI-CD-18-HT	SI-CD-20-HT	SI-CD-24-HT	SI-CD-28-HT	SI-CD-30-HT	SI-CD-32-HT
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	100A	125A	160A	200A	250A	280A	320A	400A	400A	500A	630A	630A	630A
过载保护直流 Surge Protection DC	Type II/In=20KA, Imax=40KA, Ucpv=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	28	30	32
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	30A（可根据光伏板功率另配） 20A(can be matched according to the power of 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												
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