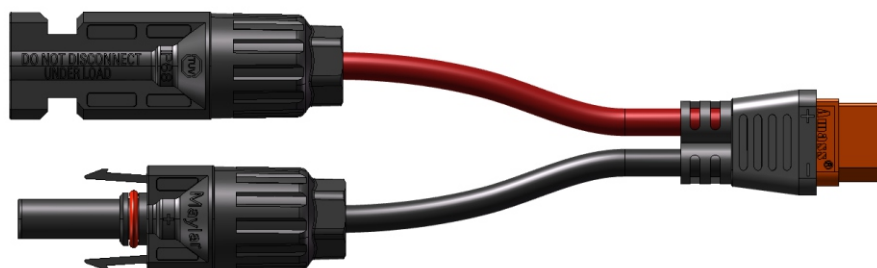


Solar to XT60I 充电线使用说明书

Solar to XT60I charging cable user manual



修改履历记录表 Revision History Record Form

序号 No.	版本 Version	变更章节 Change Section	变更内容 Change Content	日期 Date	备注 Remark
1	A1	N/A	New version	2025-03-18	New Model

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安全须知 Safety instructions**警告 WARNING**

1. 安装前请先阅读使用说明书，并遵守安装说明和安全须知，否则可能会导致因电击、电弧、火灾或系统故障而危及人身安全。
2. 安装前请先检查产品是否完好，请勿使用损坏或者零件缺失的产品。
3. 安装人员须持电工证或受过电气培训合格的人员。
4. 禁止在带电的情况下安装或拆卸本产品，安装或拆卸前必须先切断电源。
5. 本品只能使用一次，安装后勿再调整使用。如有损坏，请更换。
6. 断开的连接器请使用防尘帽，以免异物进入污染。
7. 本品防水等级为IP40, 不能置于水中使用，不能将本品置于屋顶表面。
8. 产品禁止在含小分子油、烃、酚、酮、氨合物等与塑料有腐蚀的环境中使用。禁止在连接器里添加或涂抹任何油脂及润滑剂。
9. 请妥善保管使用说明书，并将其移交给后续用户。

1. Please read the manual before installation and follow the installation instructions and safety notices, otherwise would in life-threatening injuries due to electric shock, electric arcs, fire, or failure of the system.
2. Please check that the product is in good condition before installation. Do not use products that are damaged or have missing parts.
3. The installer must have an electrician's license or a qualified person with electrical training.
4. Do Not Disconnect Under Load: PV plug connections must not be disconnected while under load. They can be placed in a no load state by switching off the DC/AC converter or breaking the AC circuit.
5. This product can only be used once. Do not adjust its use after installation.
6. Broken connectors Please use a dust hat to prevent foreign objects from entering the pollution.
7. This product is IP40 classification of waterproof, can not be used in water, can not be placed on the roof.
8. The product is prohibited from use in environments containing small molecules of oil, hydrocarbons, phenols, ketones, ammonia, etc. that are corrosive to plastics. It is prohibited to add or apply any grease or lubricant to the connector.
9. Please safeguard the instruction manual and hand it over to a subsequent user.

**应用范围 Intended use**

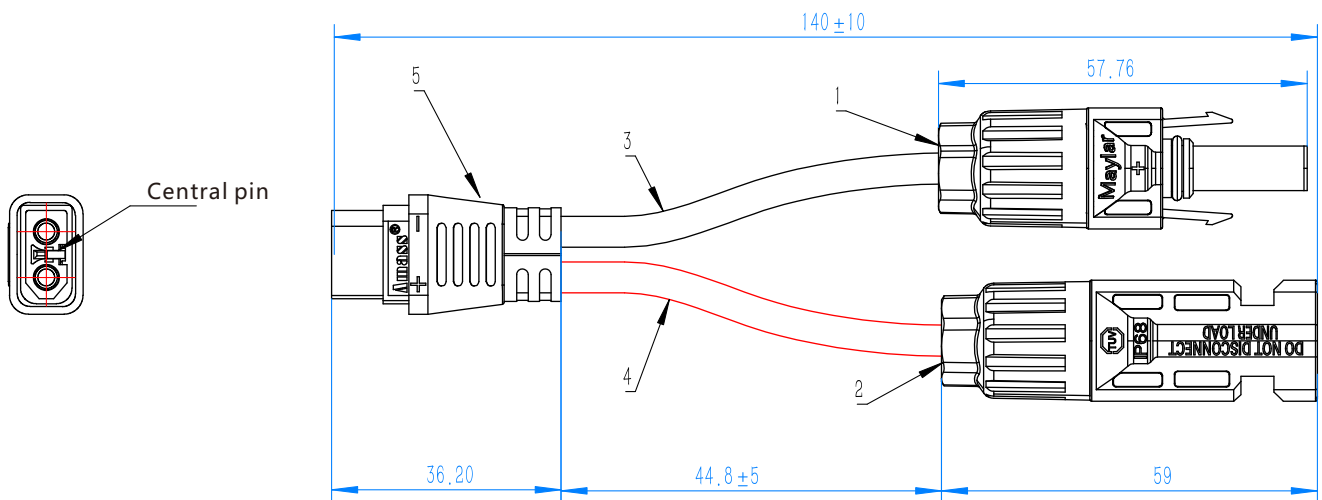
本品用于光伏直流 (DC) 输入锂电池电路中的电气连接，亦可用作低压直流 (LVDC) 部件。如果需要作其他用途，则需要在符合本品技术参数的前提下使用。

This product is used for electrical connections in PV direct current (DC) to lithium battery circuits, and can also be used as low voltage direct current (LVDC) components. If additional use is required, it shall be used in compliance with the technical parameters of this product.

技术参数 Product Specifications

连接器系统 Connector system	MC4 to XT60I
额定电压 Rated Voltage	500V DC
额定电流 Rated current	35A DC
温度范围 Operating Temperature range	-20℃~85℃
防水等级 Waterproof class	Insertion: IP40; Non-insertion: IP2X
接触电阻 Contact resistance	≤1mΩ
输入端连接器 Input connector	PV-MC(MC4)
输出端连接器 Output connector	XT60I-F
电线 Wire	10awg 1015
导体 Conductor	Copper tin-plate/Stranded tinned copper
绝缘材质 Insulation material	PPO/PA/PVC

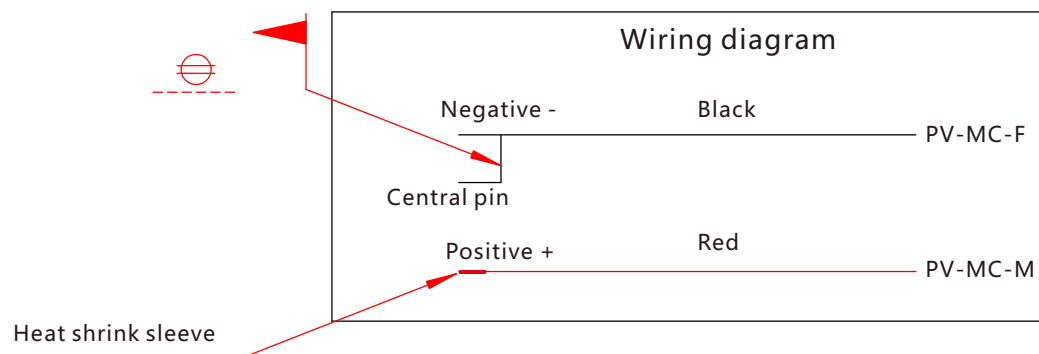
产品尺寸 Product Size(mm)



1. PV Connector: PV-MC-F 2. PV Connector: PV-MC-M 3. Wire: 1015 10awg black
 4. Wire: 1015 10awg red 5. XT60I-F Connector

Unless Otherwise Specified: ± 0.5

产品接线示意图 Product wiring diagram



使用示意图 Illustration of use

