

10AWG Solar Cable

USER MANUAL V2.0

10AWG Solar Cable

Thank you for purchasing the 10AWG Solar Cable (hereinafter referred to as the "solar cable"). Before using the solar cable, please carefully read this manual. Once you use this product, it will be deemed that you fully acknowledge and accept all the contents of this manual. Please strictly follow the instructions in this manual when using this product and pay close attention to the precautions.

We are not responsible for any direct or indirect losses or injuries caused by improper use of the solar cable, including but not limited to short-circuiting the product, overheating, inserting foreign objects, disassembly, throwing, heavy pressure, and pulling, etc.

Product Use Precautions

1. Please confirm in advance whether the parameters of this cable match the output specifications of your solar panel system and load. Failure to meet these specifications may result in damage to the products.
2. Never attempt to disassemble, inserting foreign objects damage or modify the solar cable, as this may lead to unforeseen risk.
3. Ensure proper installation to prevent damage to the cable or connected devices.
4. Please don't exceed the recommended current to prevent overheating.
5. Prevent any liquids such as water or oil from entering the interfaces of the solar cable.
6. Always use the solar cable within the appropriate environmental temperature range ($-40^{\circ}\text{F} \sim 194^{\circ}\text{F}$).
7. Keep the solar cable away from heat sources, flammable gases, corrosive substances, and other hazardous materials.
8. Avoid dropping, placing heavy objects on, or subjecting this unit to strong impacts.
9. In the event of a fire, use a dry powder fire extinguisher for proper firefighting.
10. During charging, keep away the solar cable from combustible materials.
11. Do not pull the solar cable hard to avoid breaking or short-circuiting.
12. Regularly inspect the cable for any signs of wear or damage. Replace damaged cables immediately.


Product Highlights

1. Utilizes 10AWG wire, capable of safely operating under a 60A current.
2. Made with tinned pure copper cores, with a conductor resistance of $\leq 3.61\Omega$ at $20^{\circ}\text{C}/68^{\circ}\text{F}$, offering excellent conductivity and minimal conductor temperature rise.
3. Features dual-layer XLPE insulation material, providing resistance to corrosion, oil, acid and alkali, water, abrasion, cracking, and UV.

4. Excellent flame-retardant properties.
5. Capable of withstanding high and low temperatures, safely operating within a range of -40°F to 194°F (-40°C to 90°C), and can withstand temperatures up to 320°F (160°C).

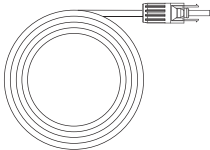
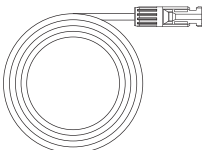

Specifications

Cable Insulation Material	XLPE
Cable Core Material	100% Pure Copper (Tinned)
American Wire Gauge	10AWG
Conductor Resistance/km at 68°F	≤ 3.61Ω
Safe Operating Voltage	1000V
Safe Operating Current	30A
Operating Temperature Range	-40°F ~ 194°F (-40°C ~ 90°C)
Total Length	Approx. 20ft (6m)
Weight	Approx. 2.425lb (1100g)
Connector	Compatible with MC4, IP68



- When using this cable, strictly adhere to the safe operating voltage and current limits. Exceeding these limits may pose risks.
- Never place this cable in an environment exceeding 320°F(160°C), as it may lead to insulation layer melting, posing a risk of short circuits and damage to the equipment.

Packing List

		
① 10AWG Solar Cable (Black) × 1 Pcs	② 10AWG Solar Cable (Red) × 1 Pcs	③ User Manual × 1

Warranty Policy

We provide a 1-year warranty service for this product. Within 1 year from the date of purchase, if the product experiences faults under normal usage, please apply for warranty with the purchase receipt.

The following situations are not covered by the warranty:

1. Cosmetic flaws caused during use.
2. Product malfunctions resulting from self-disassembly, repairs, or human-induced causes.
3. Damages caused by uncontrollable factors such as natural disasters, thunderstorms, accidents, and the like.

Warranty Application Process:

1. Please contact our customer service team, providing the purchase receipt and a detailed description of the issue.
2. Our customer service team will assist you in submitting the necessary information and documents.
3. After confirmation, we will provide you with an appropriate warranty solution.

If you have any questions or need assistance, please feel free to reach out to us via the following email: **callsun-service@outlook.com**