

Single Phase 4G Inverter Cable Size

1K ~ 5K - 4G



Ground Cable.

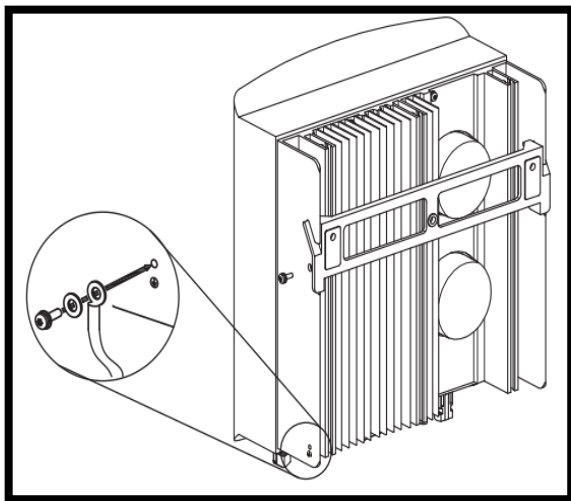
Solis recommends two Ground protections.

- External heat sink connection.
- Grid connection.

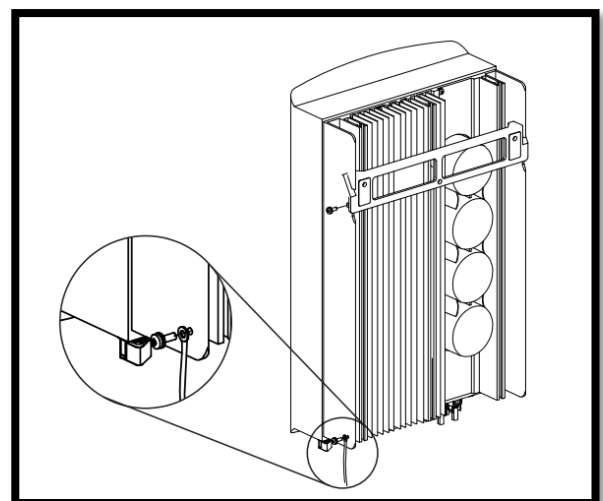
a) External heat sink Ground connection.

Cable Size : $\geq 4 \text{ mm}^2$.
Cable Type : Copper-core cable.
Lug Type : OT.
Lug Size : M4.
Torque : 2 Nm

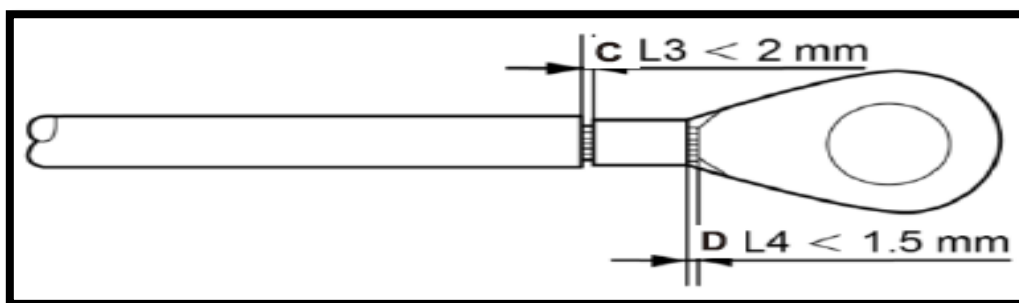
➤ Ground Cable Stripping.



Solis 1-3kW 4G Mini Series



Solis 4-5kW 4G Series



AC Termination cable.

- For all AC connections, **2.5- 6 mm² 105 °C** cable is required to be used.
- Please make sure the resistance of cable is lower than **1.5 ohm**.
- If the wire is longer than **20m**, it's recommended to use **6 mm² cable**.

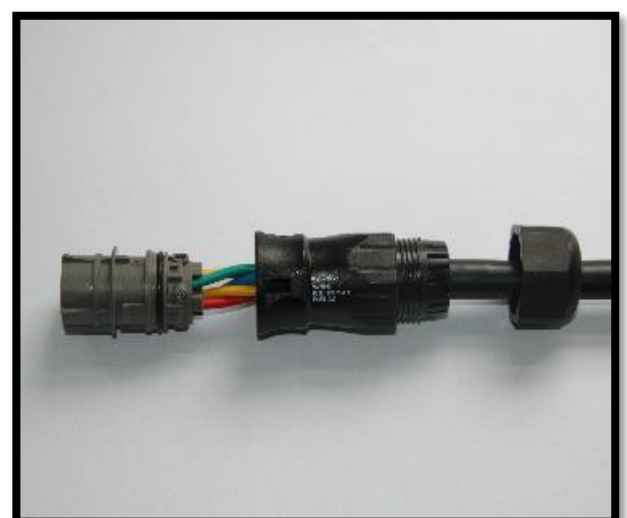
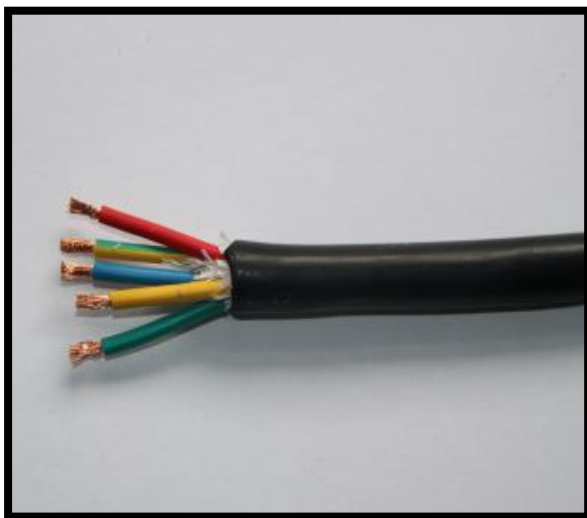
AC Grid Terminal Connector



AC Grid Terminal Connector Inside



Connect the wires to the Grid terminal



Single Phase 4G Inverter cable Size (1~5KW)

Serial	Item	Description
A.	Cable Size	2.5-6 mm ²
B.	Operation phase	3/N/PE
C.	AC Termination Pins	5 output (L1, L2, L3, N, PE)
D.	Cable Core	4 Core (Body Earthing)/5 core
E.	If more than 20 m	6 mm ²
F.	Tools	PH1 Cross Driver
G.	Termination	Direct Stripped Wire
H.	Ground cable cross section	>=6 mm ²
I.	Ground cable Termination	OT Lug
J.	Ground cable Termination Torque	3 Nm
K.	Cable type Recommended	Copper

AC Cable Connecting & Removing tool

