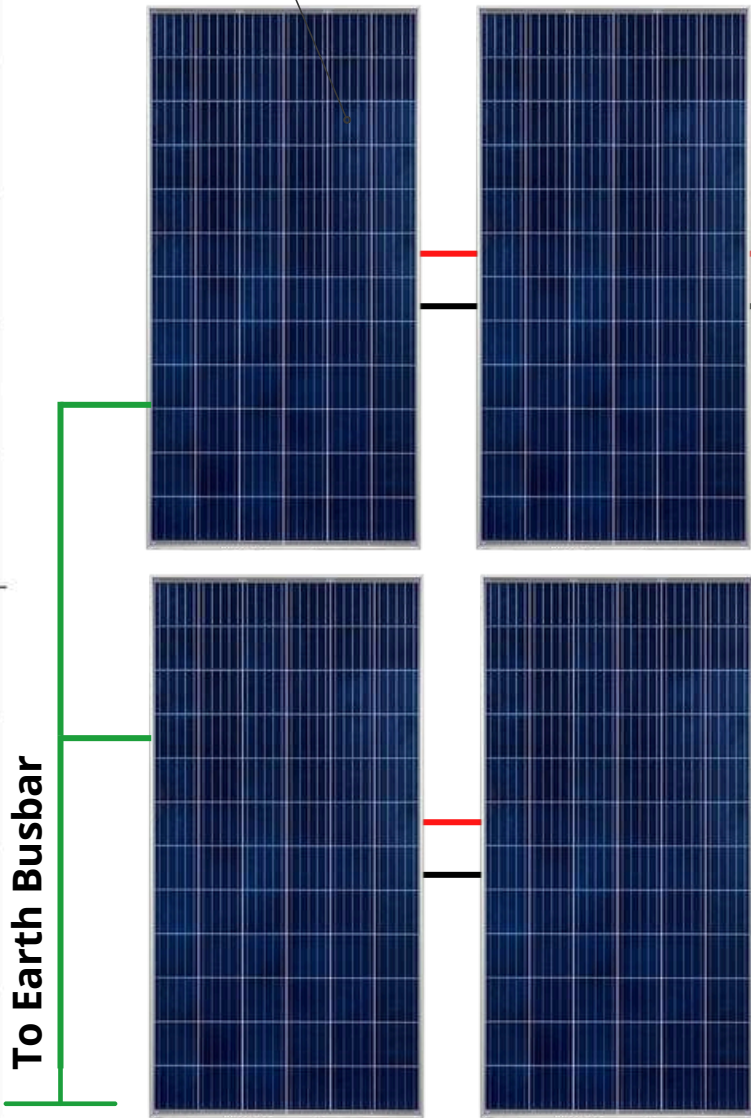
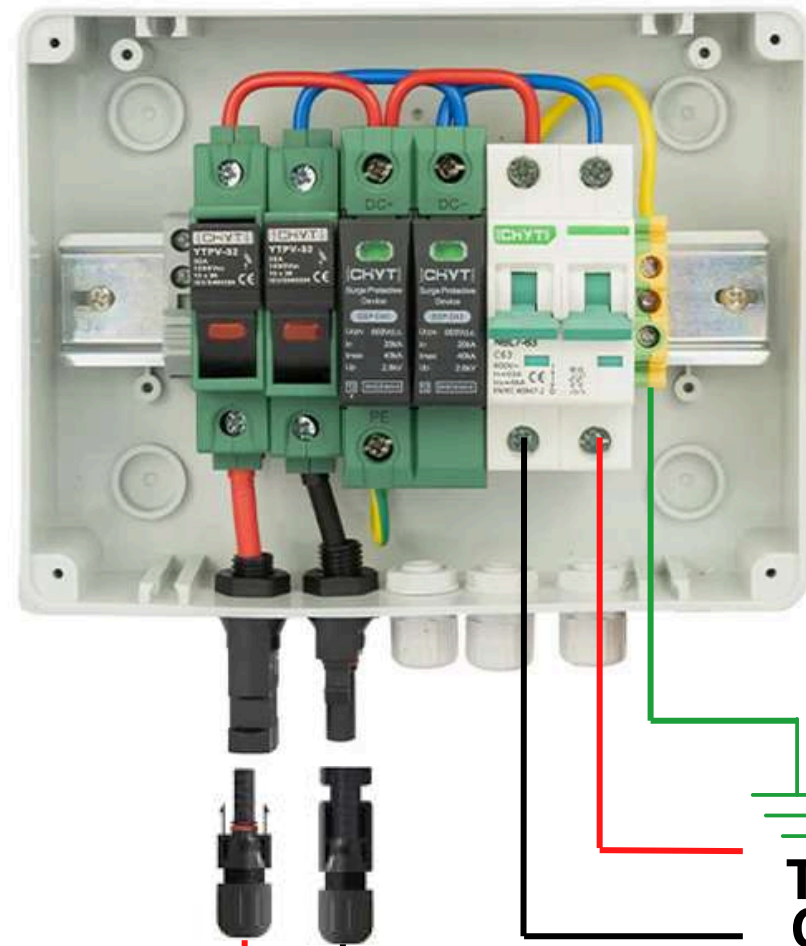


330W

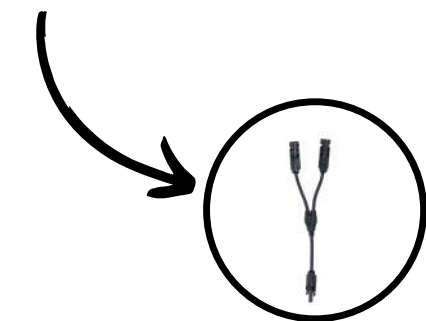


2S-2P Arrangement of Solar panels



To Earth Busbar

To Charge Controller

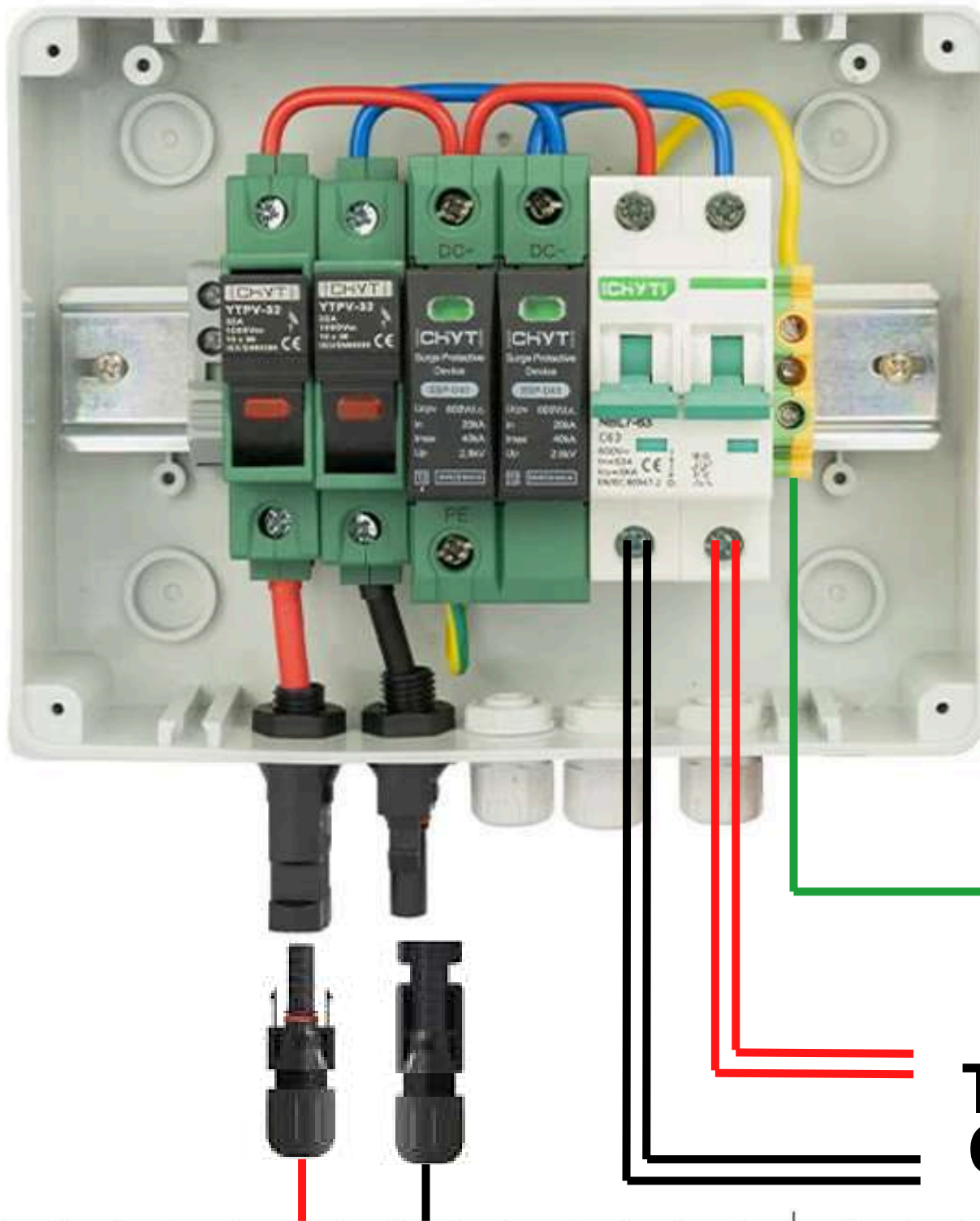


MC4 Y Connector

Solar PV Combiner Box:

[Buy from AliExpress](#)

Project	Off-Grid Solar PV System
Developer	Off-grid Wizard
Designed By:	
By:	
1/6	



For the MakeSkyBlue Charge Controller, it has recommended to connect 2 Wires for each port of Solar PV Connection

Solar PV Combiner Box:

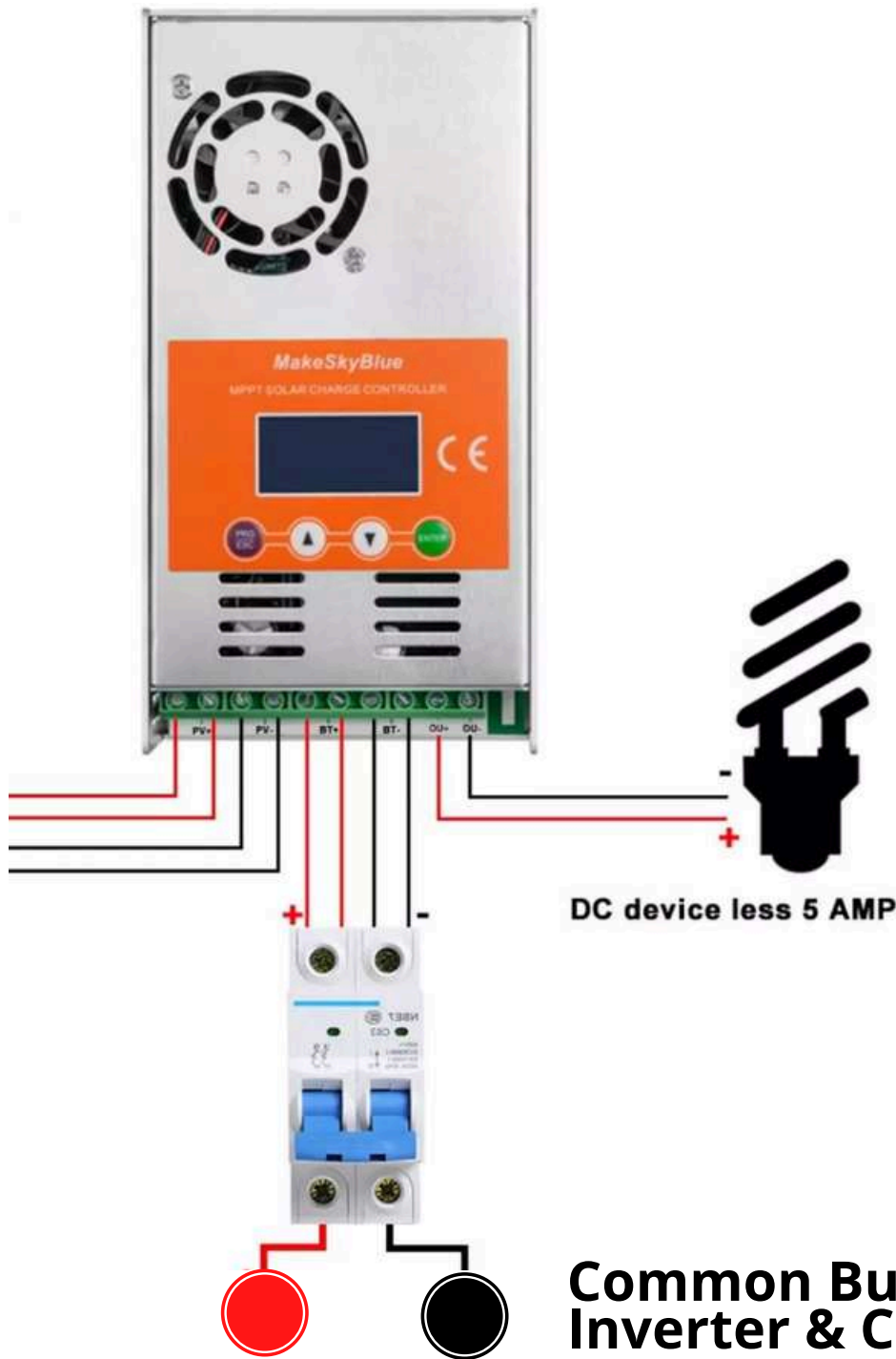
[Buy from AliExpress](#)

To Earth Busbar

To Charge Controller

Project	Off-Grid Solar PV System
Developer	Off-grid Wizard
Designed By:	Chamika Ranaweera
2/6	

From Charge Controller



DC device less 5 AMP

Common Busbar Points for Inverter & Charge Controller

- For the MakeSkyBlue Charge Controller, it has recommended to connect 2 Wires for each port of Solar PV Connection & battery Connection
- DC Load is limited up to 5A DC

MakeSkyBlue MPPT Controller:
[Buy from AliExpress](#)

Project	Off-Grid Solar PV System
Developer	Off-grid Wizard
Designed By:	Chamika Ranaweera
3/6	

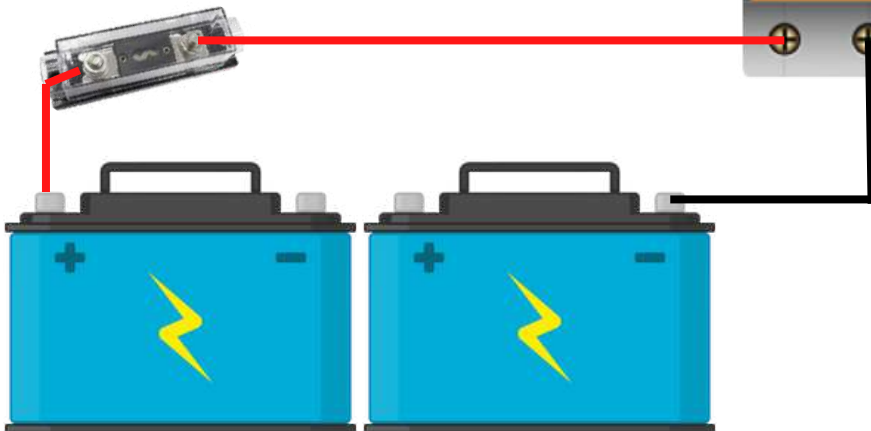


**Common Busbar Points for
Inverter & Charge Controller**

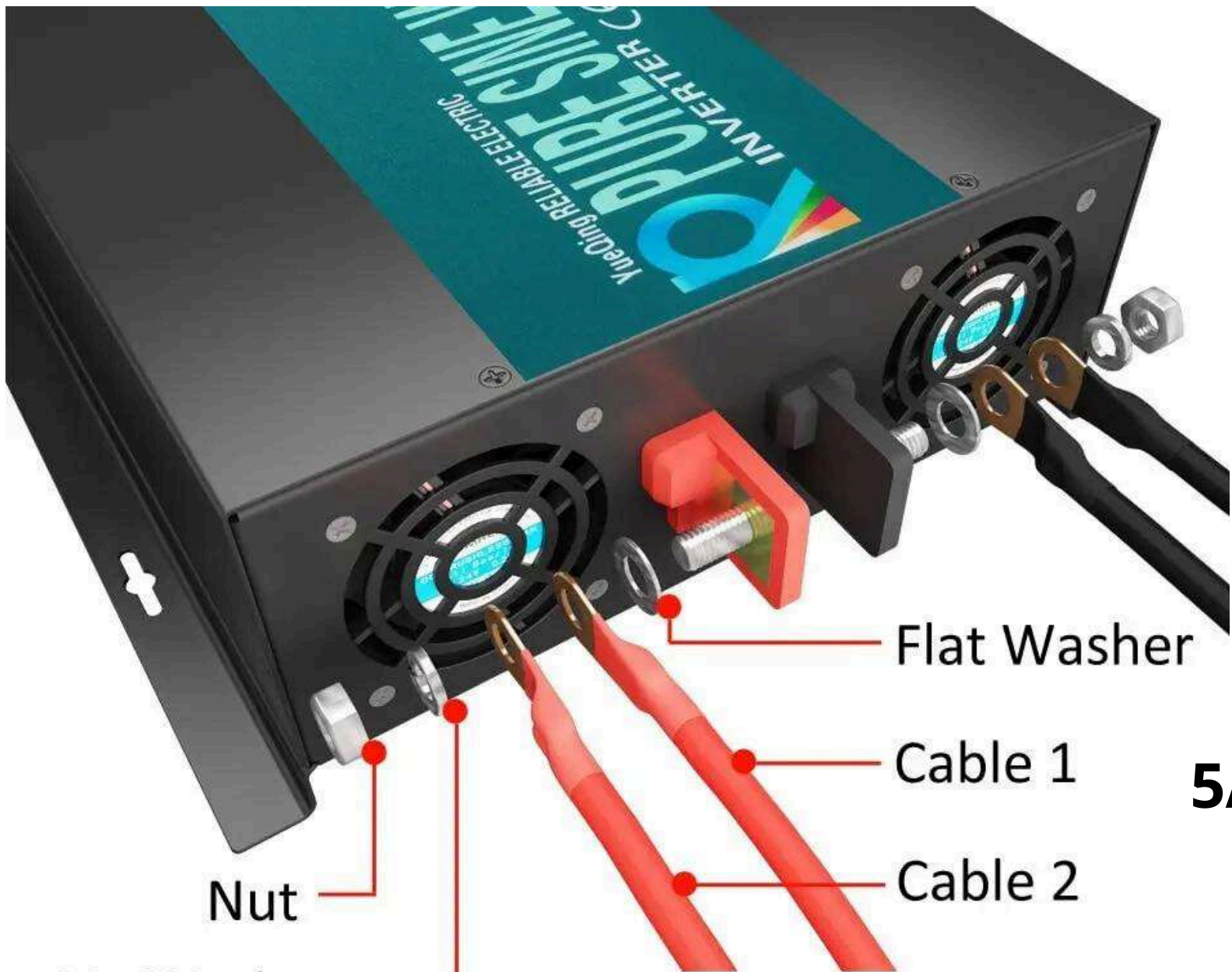


Pure Sin Wave Inverter

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Developer	Off-grid Wizard
Designed By :	Chamika Ranaweera
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**2 Sets of
5AWG cables**

Nut

Flat Washer

Cable 1

Cable 2

Pure Sin Wave Inverter

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Project	Off-Grid Solar PV System
Developer	Off-grid Wizard
Designed By:	Chamika Ranaweera
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**Inverter
Body earth**

Pure Sin Wave Inverter

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L N

E



Project Off-Grid Solar PV System

Developer

Off-grid Wizard

Designed

By :

Chamika Ranaweera

Other Components

WWW.OFFGRIDWIZARD.COM

MC4 Connector = [Buy from AliExpress](#)

MC4 Y Connector = [Buy from AliExpress](#)

MC4 crimping tool kit = [Buy from AliExpress](#)

Solar PV double insulated DC Wire = [Buy from AliExpress](#)

ANL Fuse for Battery Safety= [Buy from AliExpress](#)

Busbar Supports = [Buy from AliExpress](#)