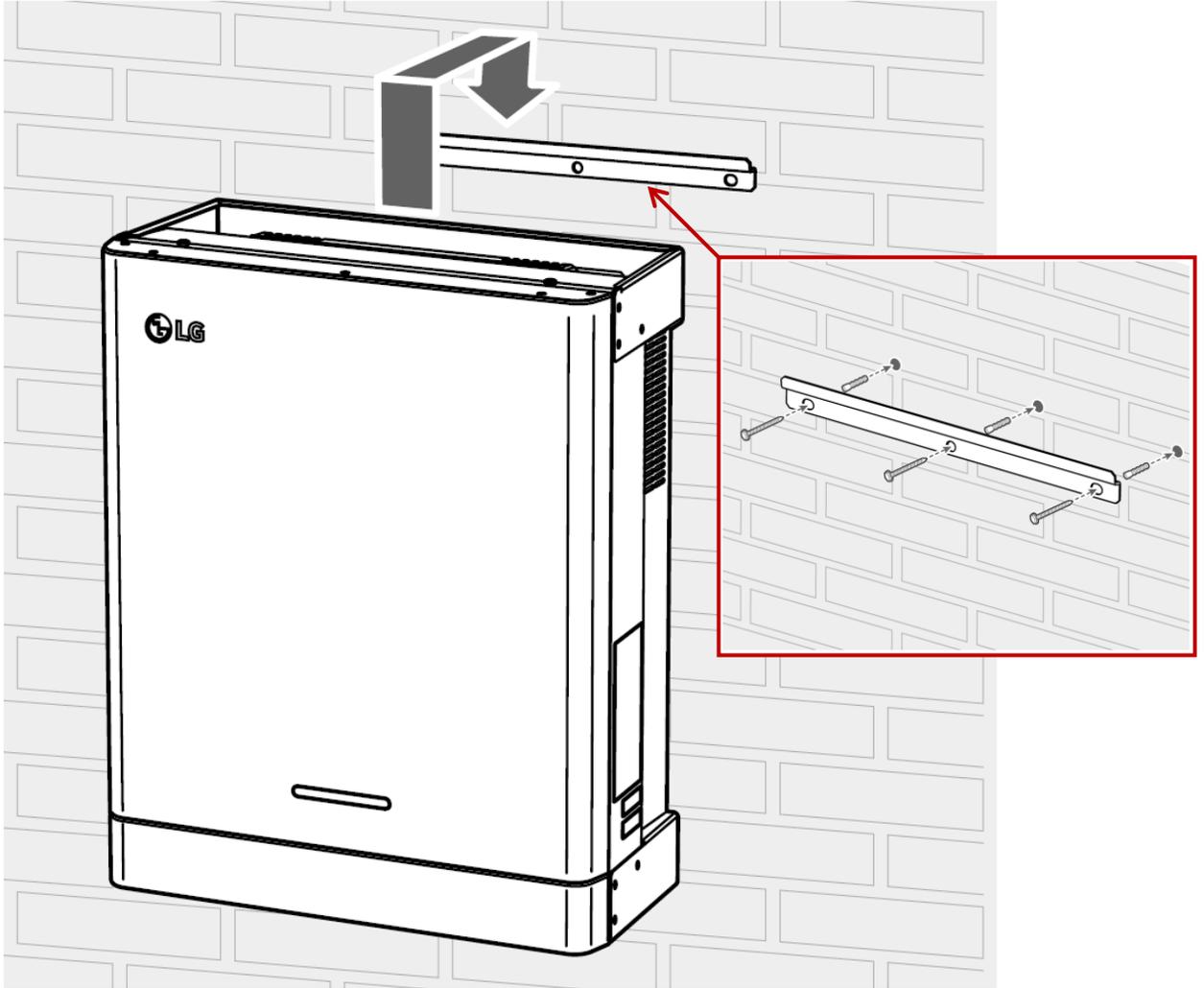


# Quick Manual

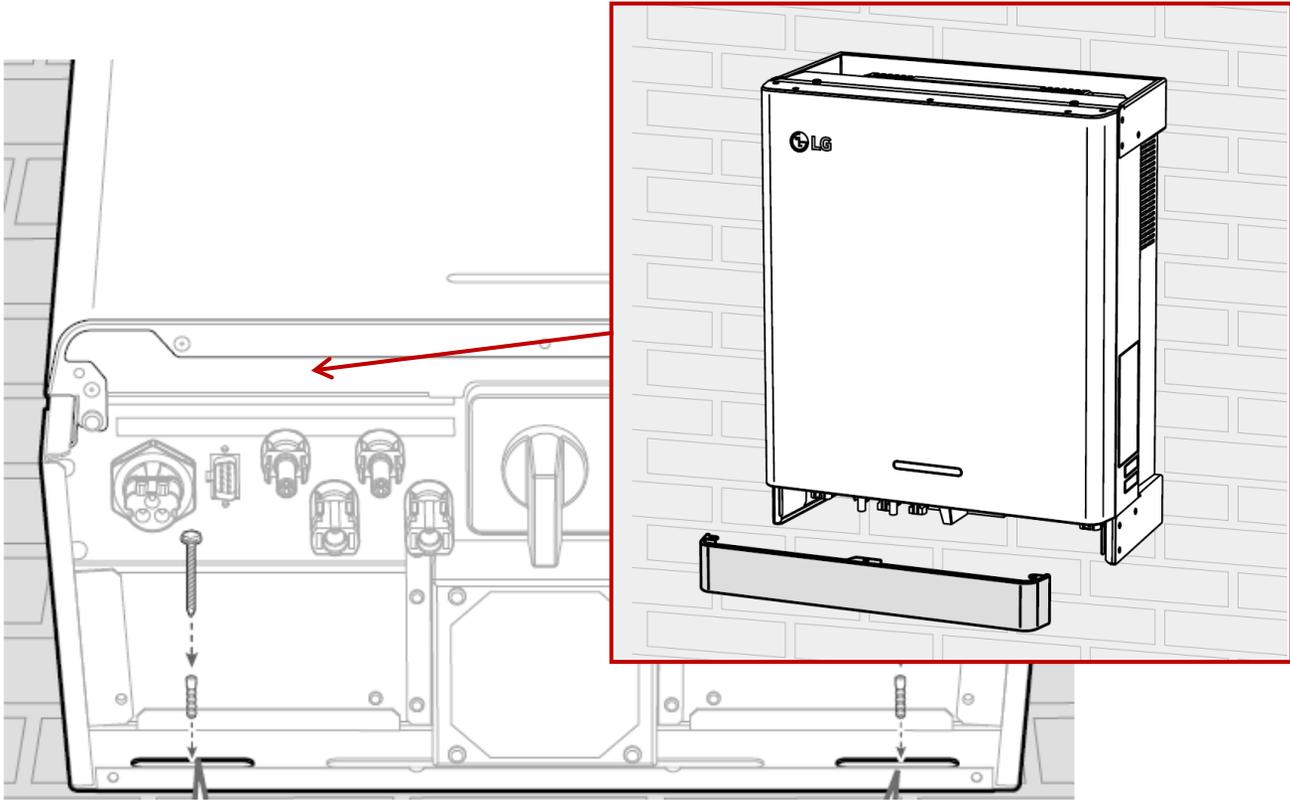
## Installation: 1. Wall Mounting



1. Fix the wall bracket with screws and anchors
2. Hang this protect to the wall bracket

\* Note : Stainless steel screws with diameter of 6-8mm is recommended

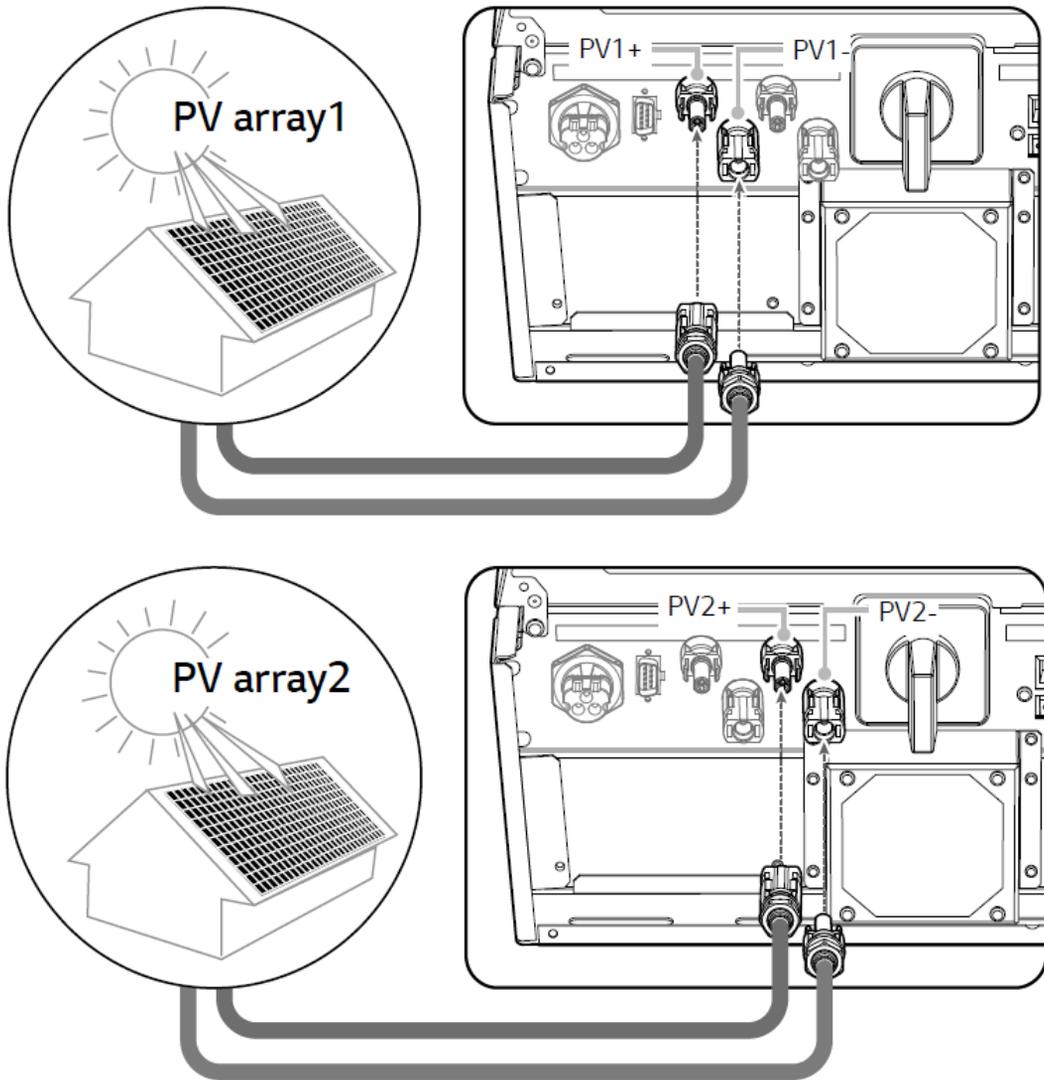
## Installation: 1. Wall Mounting



1. Disassemble the lower cover from the product
2. Fix the product to the wall with screws and anchors

\* Note : Stainless steel screws with diameter of 6-8mm is recommended

## Installation 2 : PV Connection

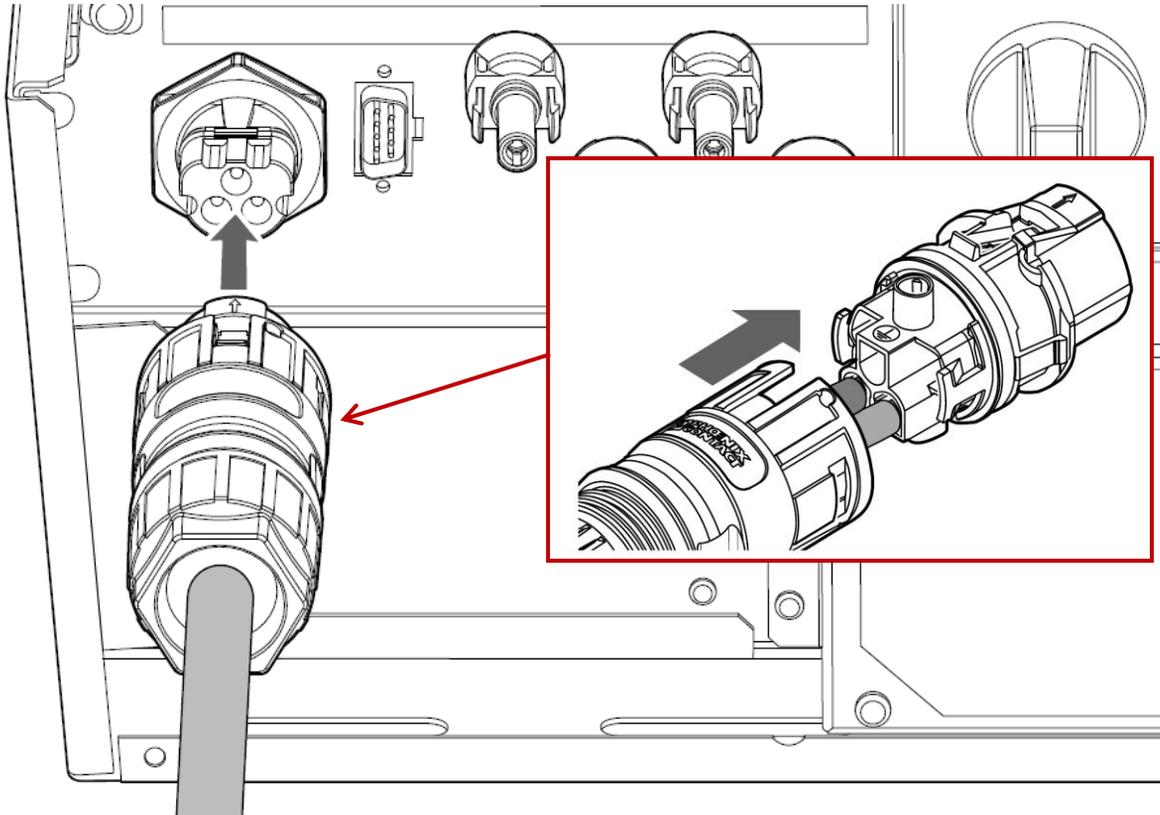


1. Connect DC cables of a PV1 and PV2 connectors on this product

\* Note : Cross-section area between  $2.5\text{mm}^2$  and  $6\text{mm}^2$  is recommended

\* Caution : Do not connect PV array if the open circuit voltage is over 800V

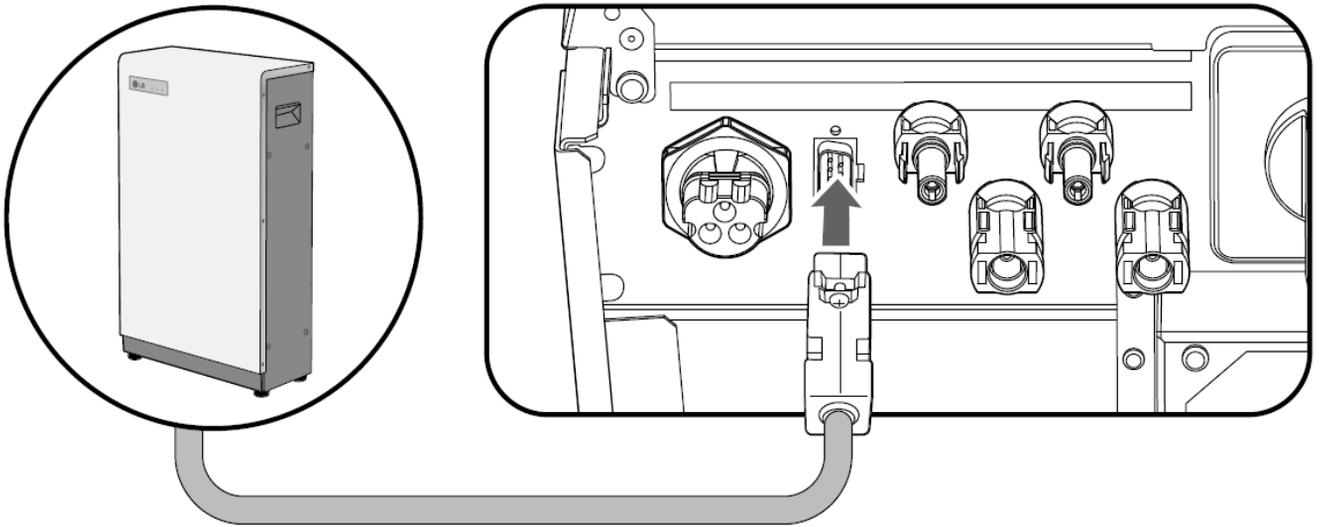
## Installation 3 : Battery Connection



1. Fasten the battery (+) wire to the “L” hole of the connector
2. Fasten the battery (-) wire to the “N” hold of the connector
3. Fasten the cable gland to the housing
4. Connect the battery cable plug to the battery connector

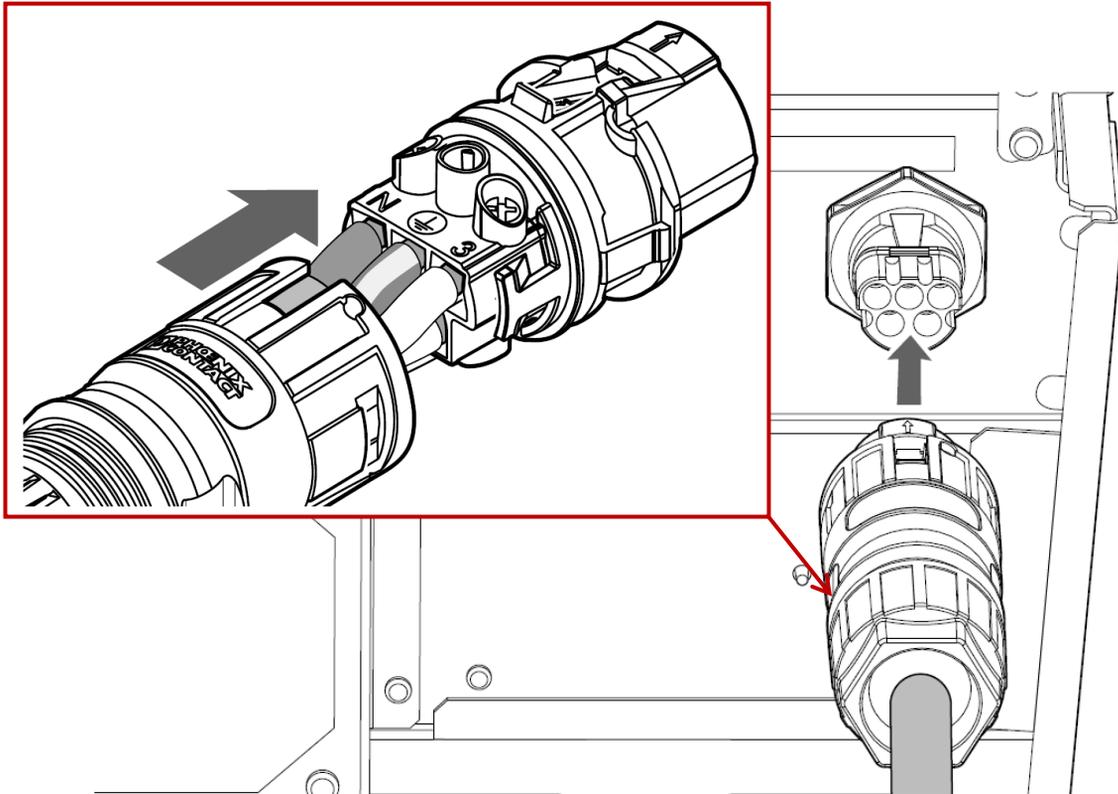
\* Note : Cross-section area between 2.5mm<sup>2</sup> and 6mm<sup>2</sup> is recommended

## Installation 3 : Battery Connection



1. Connect the supplied BMS cable to the battery
2. Connect the other end D-sub connector to the product
3. Fasten the screws on the connector to fix it

## Installation 4 : Grid Connection

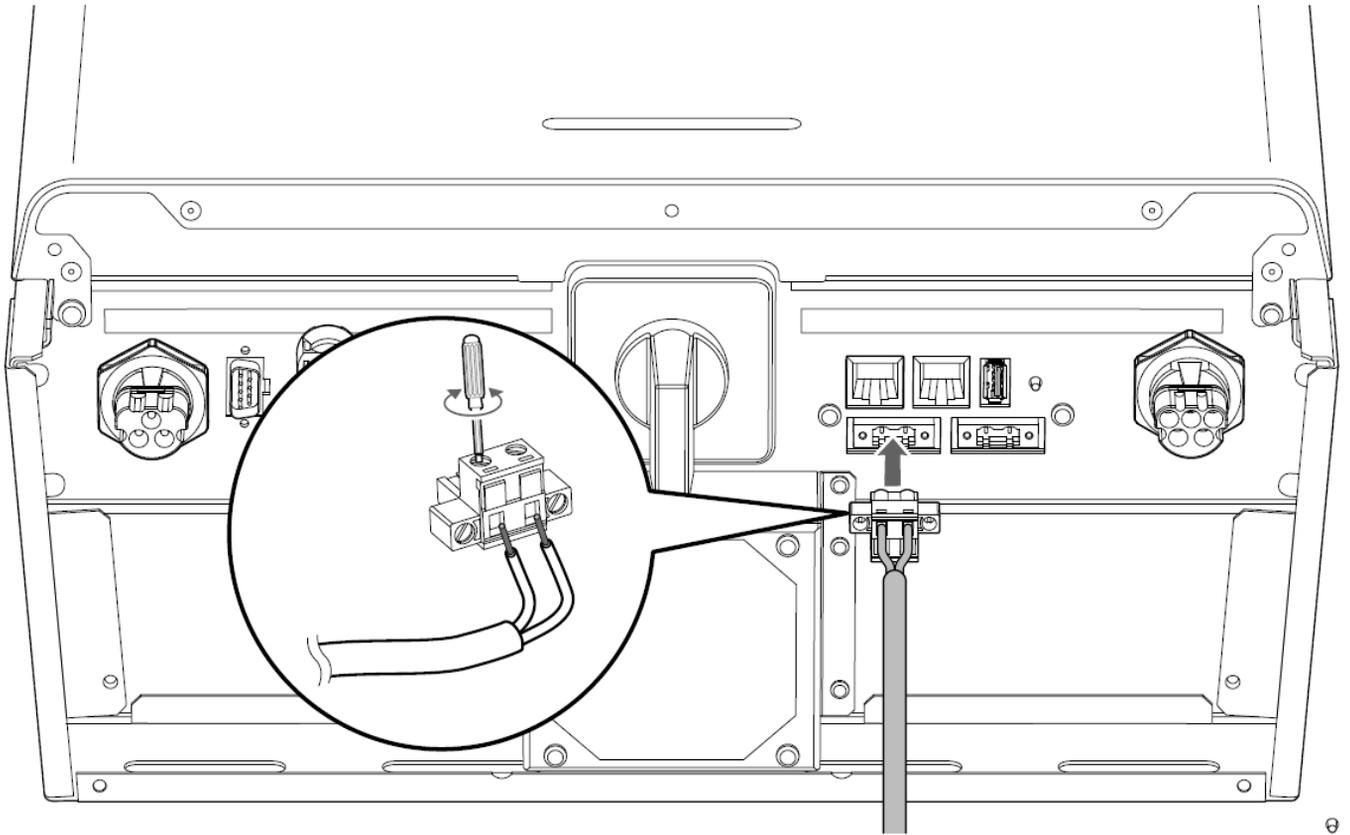


1. Fasten the Grid L1 wire to the “1” hole of the grid connector
2. Fasten the Grid L2 wire to the “2” hole of the grid connector
3. Fasten the Grid L3 wire to the “3” hole of the grid connector
4. Fasten the Grid N wire to the “N” hole of the grid connector
5. Fasten the Grid PE wire to the “Ground” hole of the grid connector
6. Fasten the cable gland to the housing
7. Connect the AC cable plug to the AC grid cable connector of the product

\* Note : Cross-section area between 2.5mm<sup>2</sup> and 6mm<sup>2</sup> is recommended

\* Caution : It is very important to connect phase to correct hole

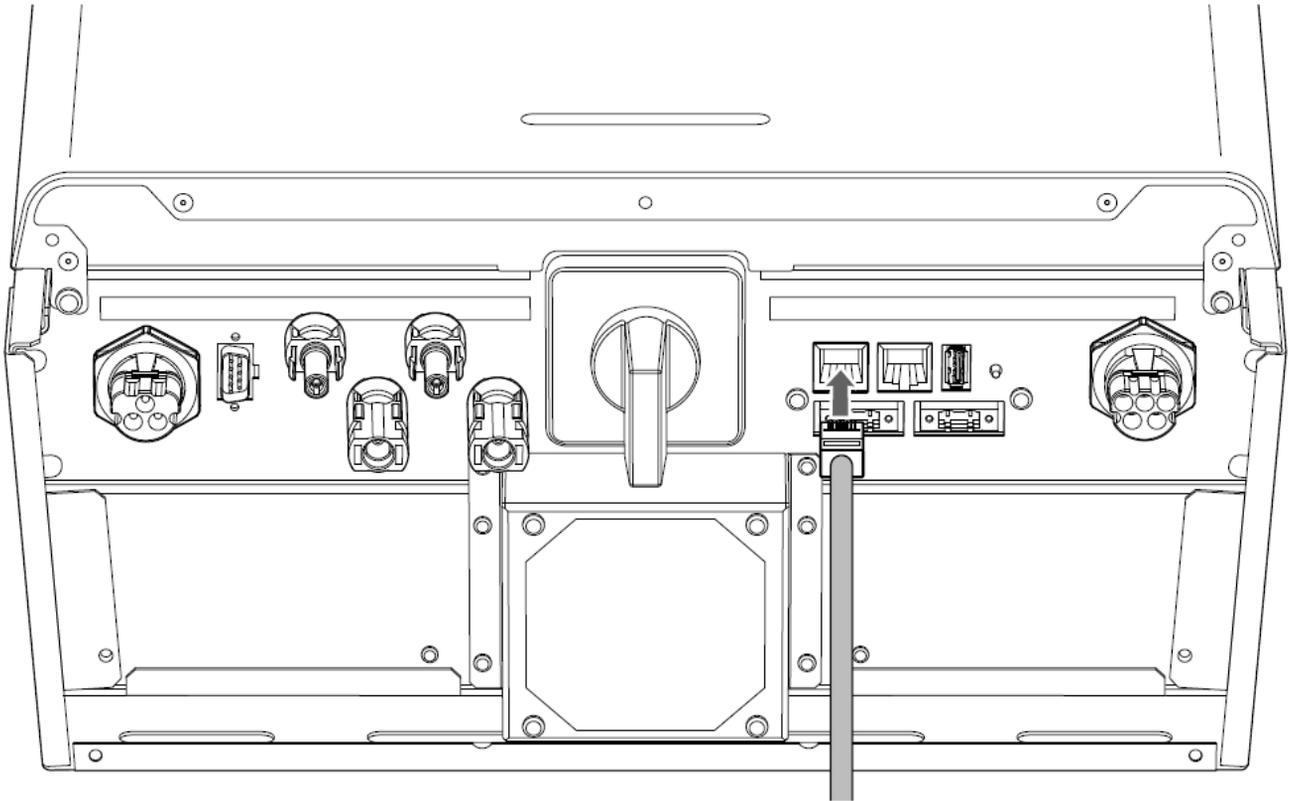
## Installation 5 : Energy Meter Connection



1. Insert the energy meter cable into the plug
2. Connect the plug to the energy meter connector

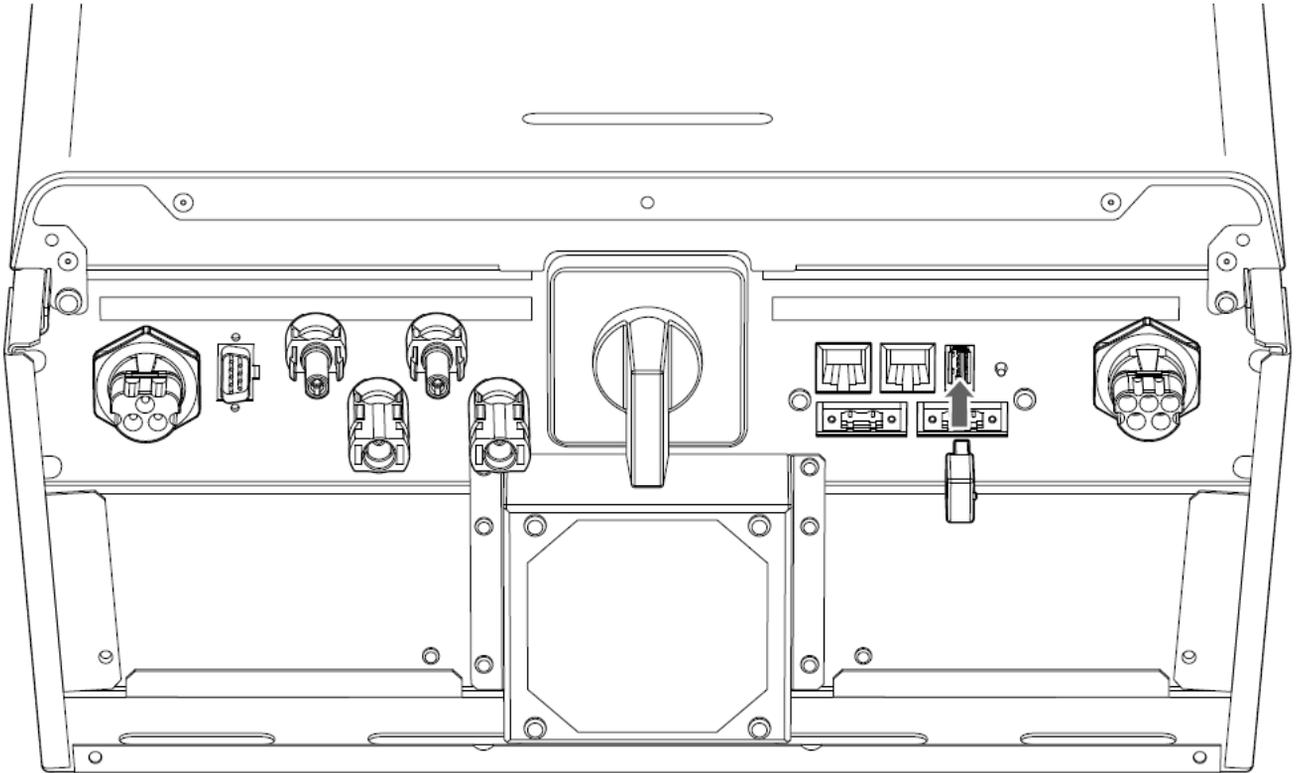
\* Caution : Connect “A” and “B” of the energy meter cable to the correct hole

## Installation 6 : Ethernet Connection

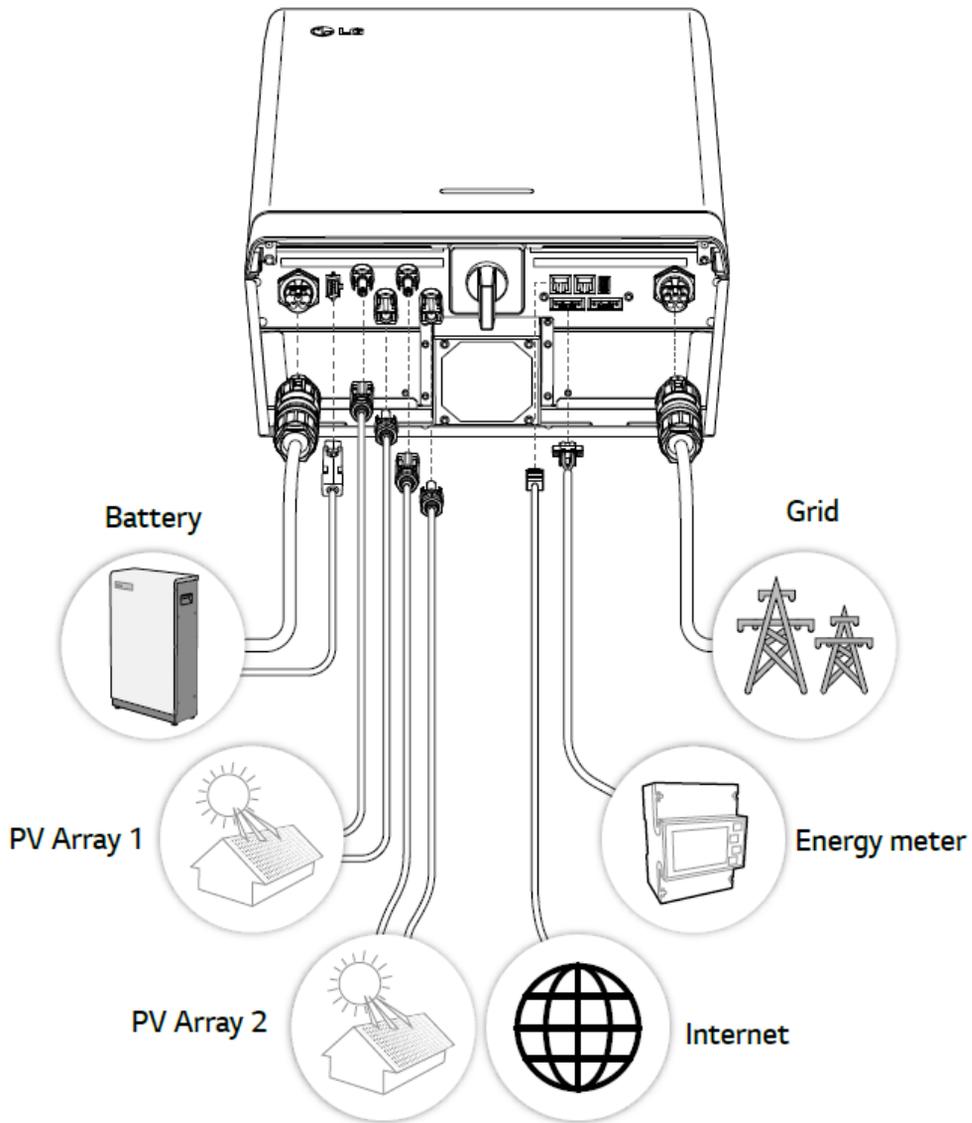


1. Insert the ethernet cable with RJ-45 plug to the ethernet port of product

# Installation 7 : Dongle Connection



## Installation 8 : Final Check and Turn On / Off



\* Note : Check the wire if connection is correct or not

\* Turning on the Product

1. Switch the AC circuit breaker to the “ON” position
2. Turn the PV switch of the PCS to the “ON” position
3. Switch the DC circuit breaker in the battery to the “ON” position

\* Turning off the Product

- Turn off the breaker and switch backward of the turning on sequence