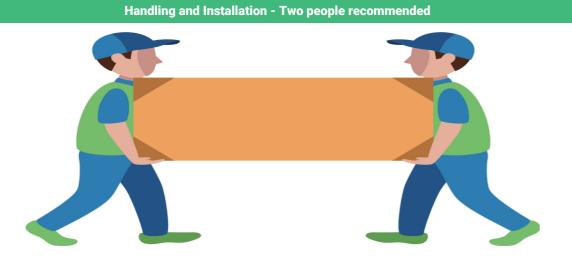
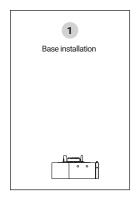
# **EP CUBE** Quick Installation Guide V2.4 for authorized installer only!



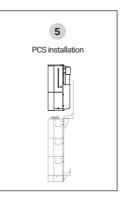
# Installation Steps



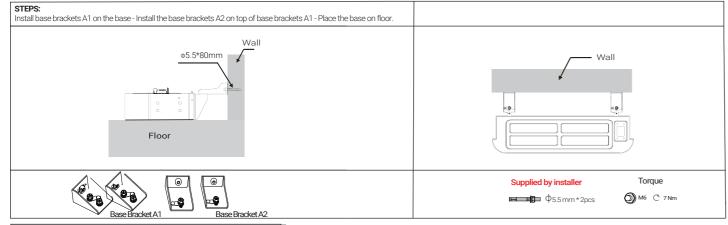




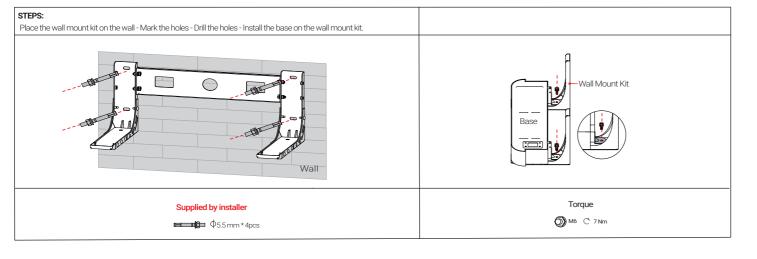




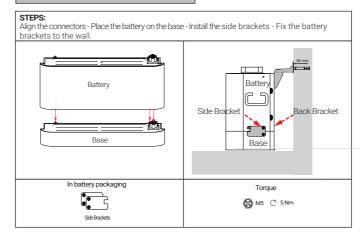
### 1.1 Base Installation on Wall (floor mounting)



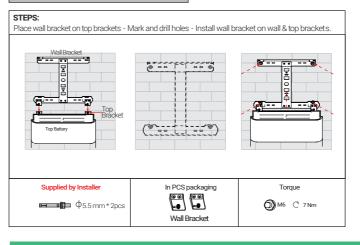
## 1.2 Base Installation (wall mounting - optional wall mount kit required)



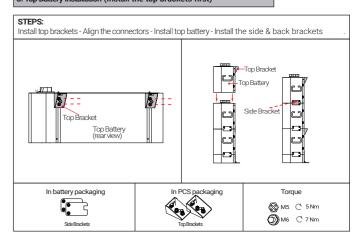
#### 2. Battery and Base Installation



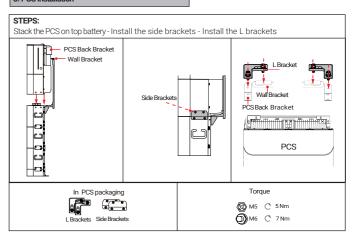
#### 4. Wall bracket installation



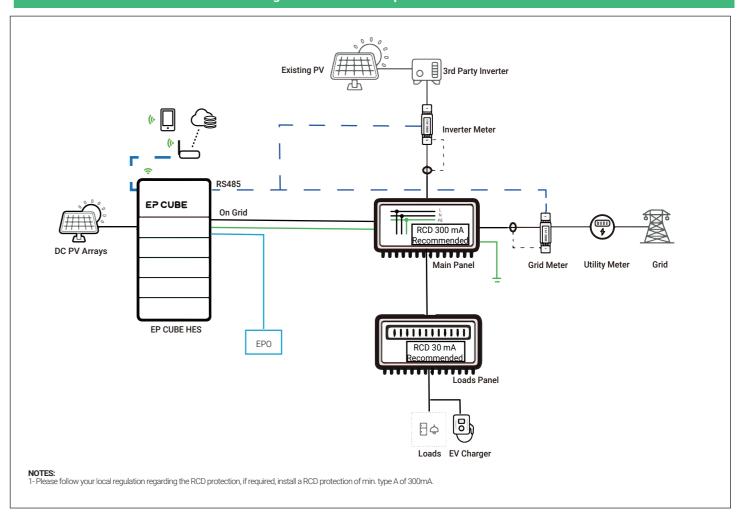
## 3. Top Battery Installation (Install the top brackets first)



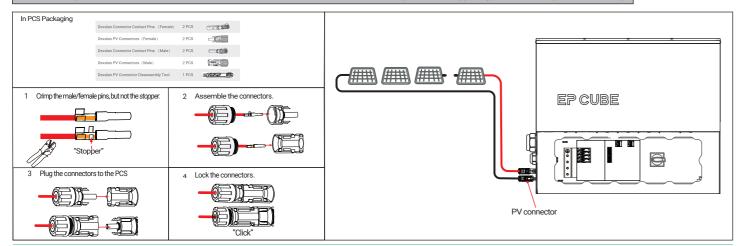
# 5. PCS installation



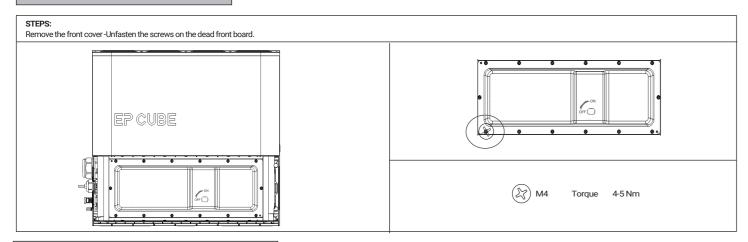
# Wiring Schematic Without Optional AC Switch Box



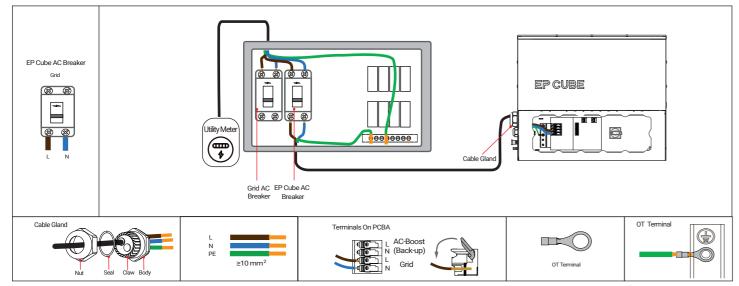
#### 1. PV to EP Cube (It is recommended to install an external DC PV breaker between the EP Cube and the strings. Check string polarity with multimeter prior to connection).



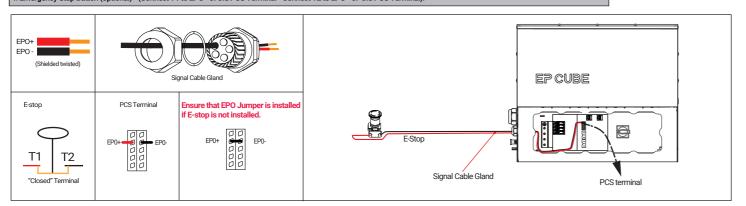
#### 2. Remove Front Panel and Dead Front Cover



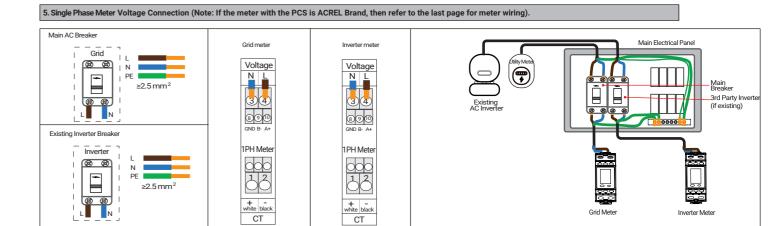
## 3. PCS On-Grid to EP Cube AC Breaker



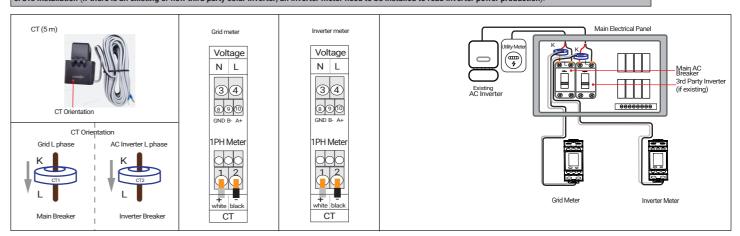
# 4. Emergency Stop Button (optional) - (Connect T1 to EPO+ of the PCS Terminal - Connect T2 to EPO - of the PCS Terminal).



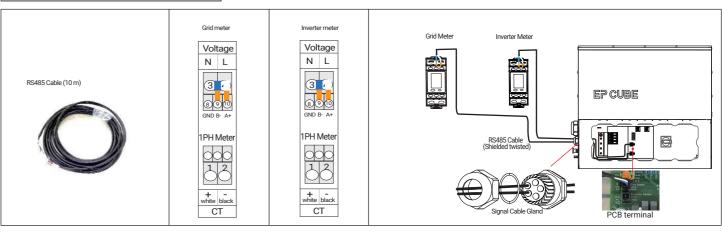
## **Meters Wiring (with Eastron Meter)**



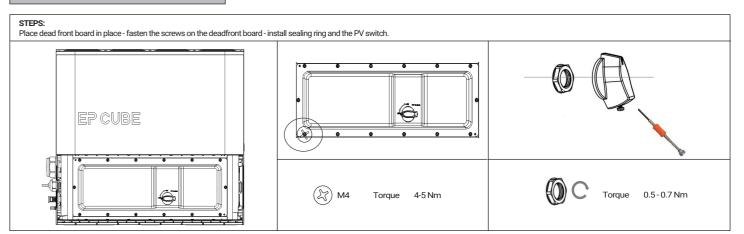
### 6. CTs Installation (if there is an existing or new third party solar inverter, an inverter meter need to be installed to read inverter power production).



## 7. RS485 Signal Connection

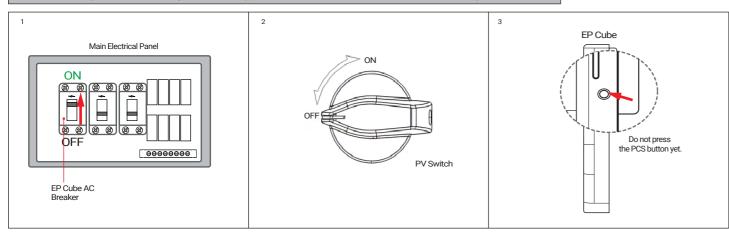


#### 8. Install Front Panel and Dead Front Cover

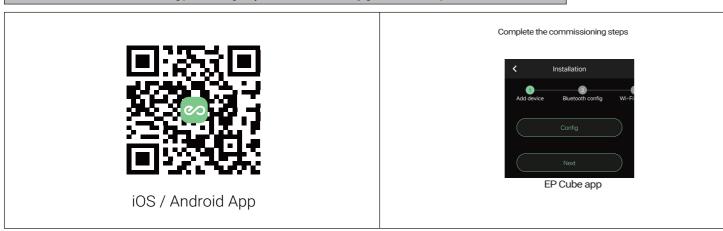


## **Commissioning via EP CUBE App**

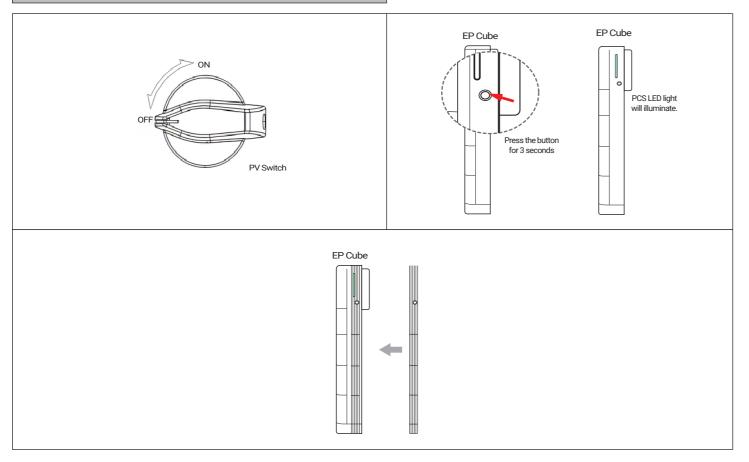
# 9. Power on EP CUBE, Operate EP CUBE in Standby for Commissioning (Turn on EP Cube AC Breaker - Ensure that PV Switch is off - Do not press PCS button.



## 10. Download the EP CUBE APP for Commissioning (Download - Log in to your installer account - "More" page - "New Installation")

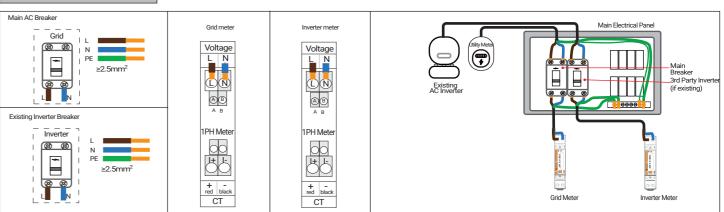


## 11. Activate EP CUBE (Turn on the PV switch - Press the button for 3 sec - Assemble the side covers)



# Meters Wiring (with ACREL Meter)

## 5. Single Phase Meter Voltage Connection



#### 6. RS485 Signal Connection

