

# RESU

## Installation Manual for RESU10H for Secondary (Type-R)

Compatible Inverter: SolarEdge

LG Chem strongly advises to take due care in following LGC's RESU10H installation manual and user guide. A warranty claim is invalid if damage is caused by human error, inconsistent with the installation manual and/or the user guide.

Version 1.2

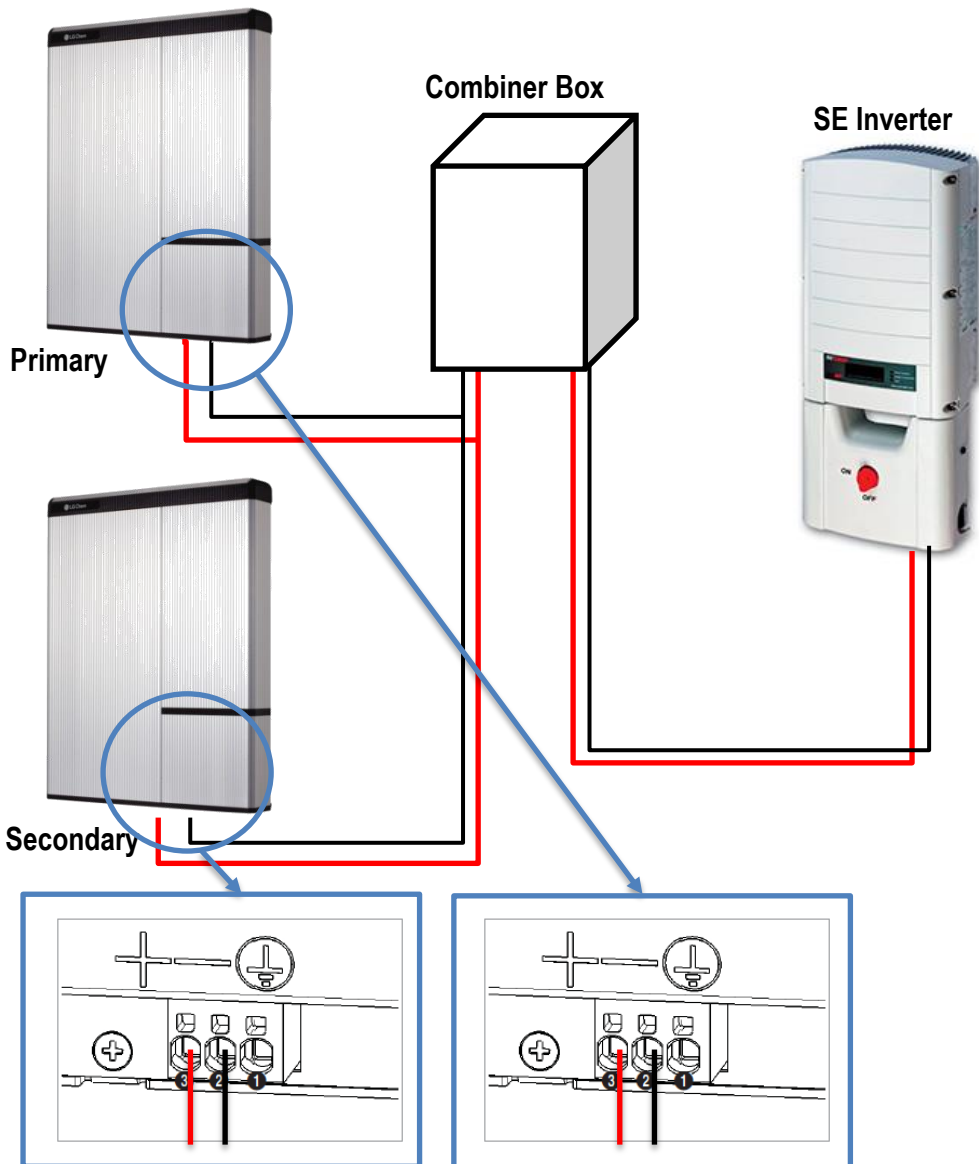


10H SEG Parallel extension is for increased capacity of battery system. This installation Manual indicate to distinguish Primary and Secondary Pack. And make user to know connection in battery system.

### 1. Connection in 10SEG parallel battery system.

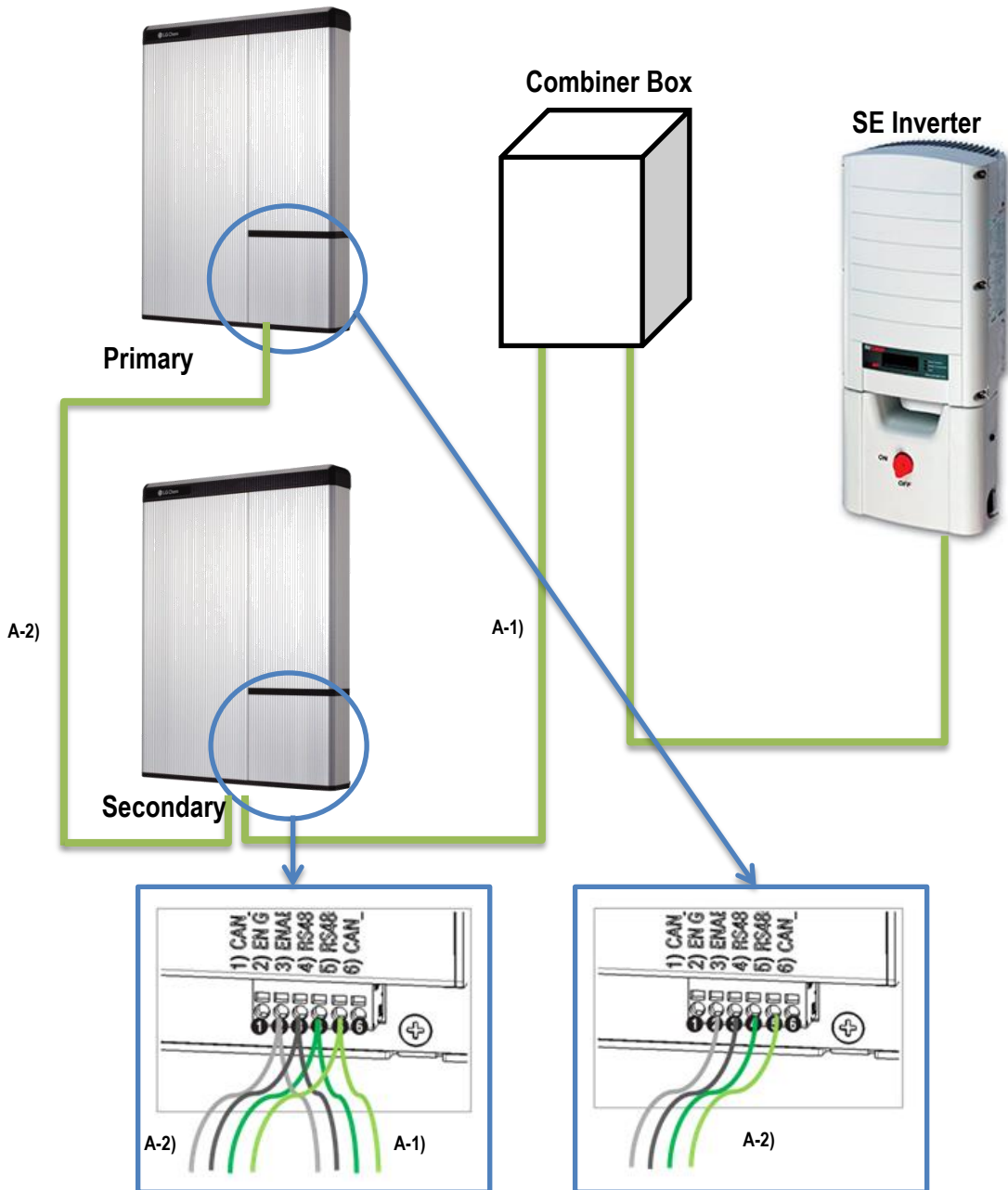
#### 1.1 Power Cable

Power cable is connected by combiner Box. Positive and negative line should be connected same polarity line by combiner box. Joint connection is in the combiner box. If installer connected reverse polarity position of the power line, the battery system is not normally operated.



## 1.2 Communication Cable (RS485 High/Low, Enable High/Low)

Communication cable is connected by daisy chain. Communication line from inverter should be connected secondary battery pack. And the additional communication line is connected from secondary battery pack to Primary battery pack. Secondary communication connector is fixed 2 communication line. 1<sup>st</sup> line is connected from inverter to Secondary battery pack. 2<sup>nd</sup> line is connected between Primary and secondary. If installer connected wrong position, battery pack is not normally operated.

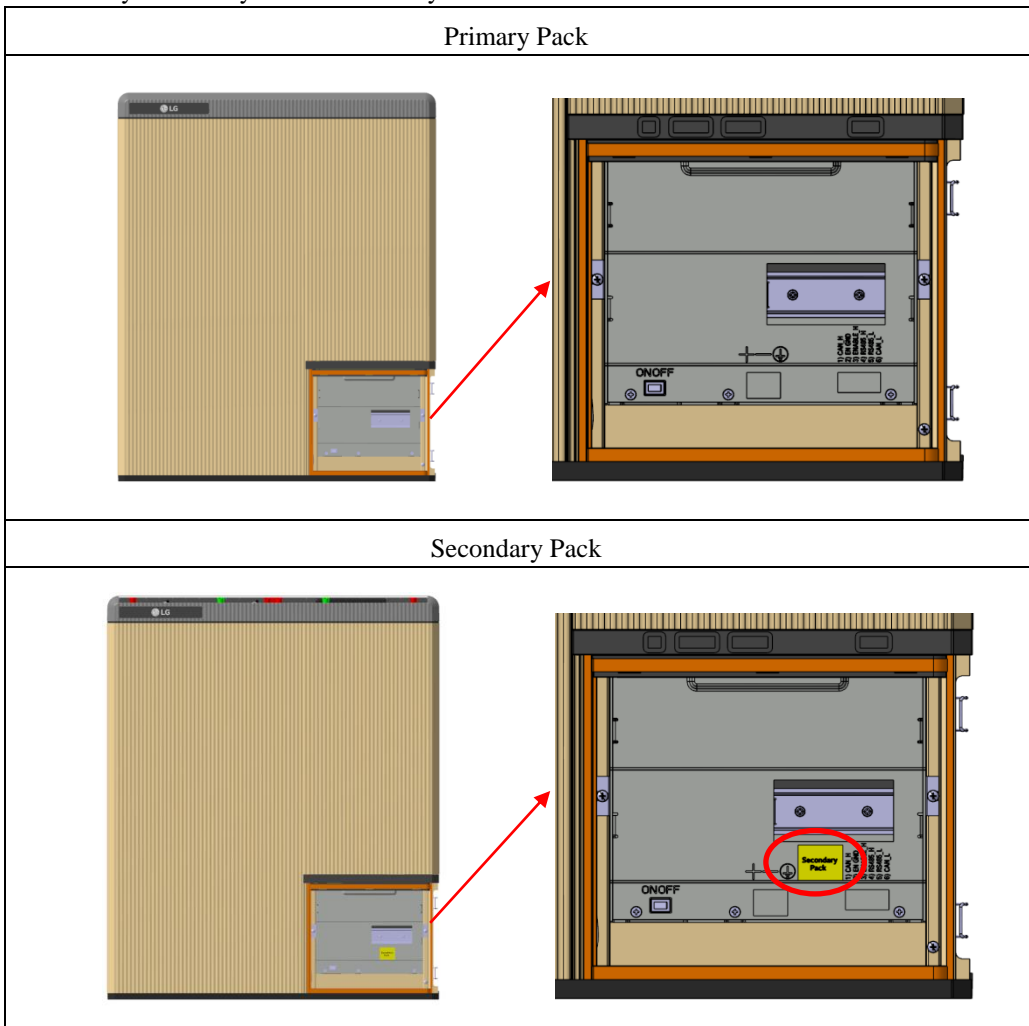


## 2. Primary/Secondary Label

Primary and Secondary battery pack can identify by the label. Primary battery pack is not apply any type of the symbol. Secondary pack is applied the “Secondary pack” label in the battery pack and package. The label position is the right bottom side into the cover of battery pack. if installer want to identify the label, open the right bottom cover.

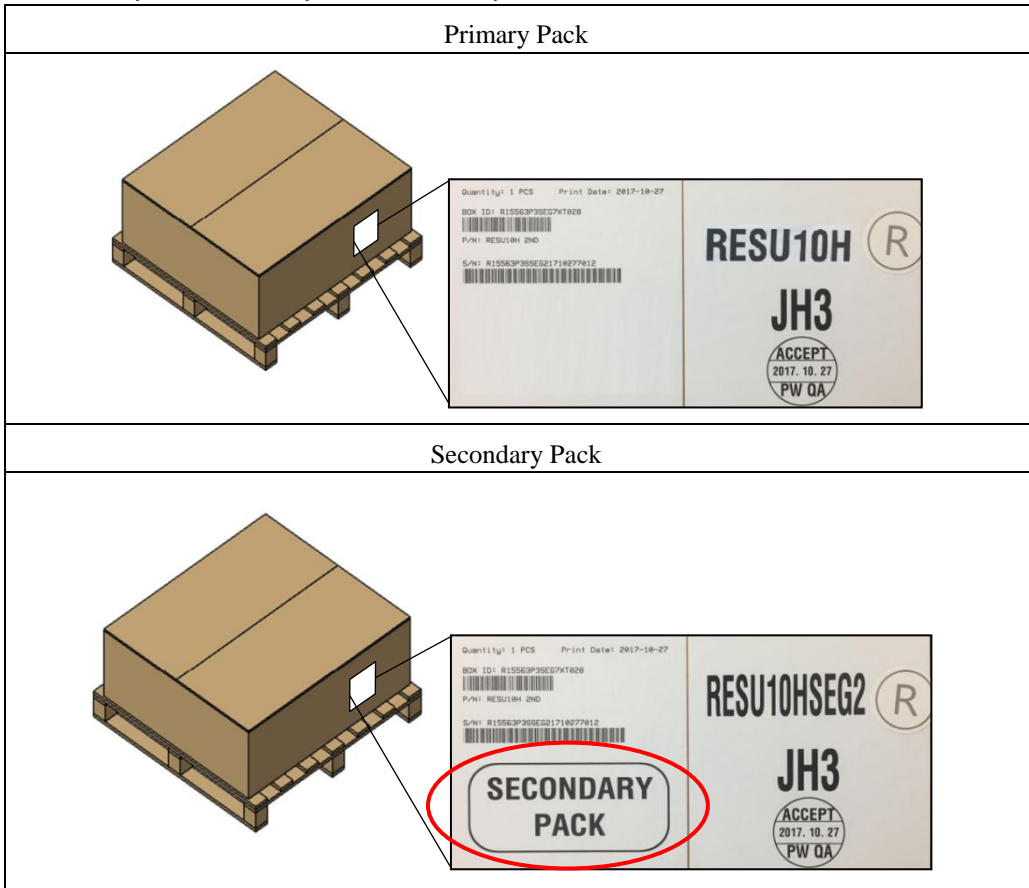
### 2.1 Pack Protection Cover

\* Secondary Pack Only have “Secondary Pack” Label on the Protection Cover



## 2.2 Box

\*Secondary Pack Box Only have “Secondary Pack” marks on the side of box.



## 3. Note

### 3.1 Combiner Box

Combiner Box Installation refer to the combiner box installation guide.

### 3.2 Battery Pack Indicator

Battery pack LED Indicator is power ON after the installation of the battery pack. If installation of the battery pack is different than the guide, battery pack Fault LED is on. The detail indicator status refers to the battery pack installation manual of the Primary side.

### 3.3 Warning

If not commissioning after installation or there is any fault on the Primary/ Secondary pack, turn off the circuit breaker, then turn off the whole auxiliary power on/off switch on the Primary/Secondary pack.



Keep this manual for later use.

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