



**City of Long Beach**  
**Department of Development Services**  
 333 West Ocean Blvd., 4<sup>th</sup> Floor  
 Long Beach, CA 90802  
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 Website: www.lbds.info

## Residential Electric Vehicle Charger Checklist

To assist in expediting your Residential Electric Vehicle Charger (REVC) installation permit, please identify the type of REVC being installed:

Type of REVC	Power Levels – Volt Alternating Current (VAC)	Check One
Level 1	110/120 VAC at 15 or 20 Amps	
Level 2 (3.3 KW) – Low	208/240 VAC at 20 or 30 Amps	
Level 2 (6.6 KW) – Medium	208/240 VAC at 40 Amps	

and answer the following questions:

A.	Do you have a site plan?	<input type="checkbox"/> Y <input type="checkbox"/> N
B.	Will the charger be installed according to the indoor/outdoor installation requirements per the manufacturer's guidelines?	<input type="checkbox"/> Y <input type="checkbox"/> N
C.	Is the electrical panel location and amperage indicated on the site plan?	<input type="checkbox"/> Y <input type="checkbox"/> N
D.	Is an extra breaker slot available on the electrical panel to accommodate the REVC?	<input type="checkbox"/> Y <input type="checkbox"/> N
E.	Does the electrical panel need to be upgraded?	<input type="checkbox"/> Y <input type="checkbox"/> N
F.	Does the REVC Equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark?	<input type="checkbox"/> Y <input type="checkbox"/> N
G.	Is a safety bollard proposed to protect the charger?	<input type="checkbox"/> Y <input type="checkbox"/> N
H.	Will the coupling means of the EV supply equipment (the nozzle) be mounted at a height not less than 18" (indoor use) or 24" (outdoor use) from grade (CEC 625.50), unless otherwise indicated by the manufacturer?	<input type="checkbox"/> Y <input type="checkbox"/> N
I.	Will the wall or pole-mounted stations and enclosures be installed at a height between 36" and 48"?	<input type="checkbox"/> Y <input type="checkbox"/> N
J.	Will sufficient space exist around the REVC for safe operation and maintenance (CEC 110.26 – recommended space is 30" wide, 3' deep and 6'-6" high)?	<input type="checkbox"/> Y <input type="checkbox"/> N
K.	Will the Installation Requirements (shown below) be complied with? <ul style="list-style-type: none"> <li>• Provide #12 AWG conductors not more than 75-feet for 20A circuit.</li> <li>• Provide #10 AWG conductors not more than 75-feet for 30A circuit.</li> <li>• Provide #8 AWG conductors not more than 75-feet for 40A circuit.</li> <li>• Provide a disconnect switch at the EV when the EV is not within sight (50-feet) from the breaker.</li> </ul>	<input type="checkbox"/> Y <input type="checkbox"/> N

(I/We) the undersigned declare, under penalty of perjury under the laws of the State of California, that the information on all plans, drawings, and sketches attached hereto and all the statements and answers contained herein are, in all respects, true and correct.

Contractor/Installer: \_\_\_\_\_ License # & Class: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Phone #: \_\_\_\_\_