

**CRITERIA AND DOCUMENTS
REQUIREMENT FOR LICENSE
APPLICATION (BELOW 5MW)**

Unit Pelesenan Elektrik, Suruhanjaya Tenaga

December 2023

ELECTRICAL VEHICLE CHARGING SYSTEM (EVCS)

CRITERIA

- 1.1. Licensee shall be a registered company under the Companies Commission of Malaysia (SSM).
- 1.2. Applicants need to comply with the Electricity Supply Act 1990, Electricity Supply regulation 1994, Code and guidelines that relevant to the application category (Example: Guidelines on Licensing Under Section 9 of the Act, Guide for EVCS).
- 1.3. Applications for licenses shall obtain approval on location and source of supply for all capacity units.
- 1.4. Application shall be made by Charge Point Operator (CPO).
- 1.5. Applicants need to apply from the distribution licensee for dedicated electricity power supply.
- 1.6. All drawings, plans and specifications shall be approved by a suitably qualified competent person or Electrical Engineer who is registered with the Board of Engineers as a Professional Engineer with Practicing Certificate.
- 1.7. License capacity shall be based on maximum output capacity of charging unit.
- 1.8. Upon Commissioning of an installation, the applicant is required to submit the following additional documents to relevant Commission's Offices;
 - I. Form G (Under the Regulation 14 of the Electricity Regulations 1994) which is a certificate of supervision and completion provided by a competent person appointed;
 - II. Form H (Under the Regulation 14 of the Electricity Regulations 1994) which is a testing certificate.

DOCUMENTS REQUIRED

- 1.9 In addition to meet the requirements of the Government's objective and relevant legislations, the Commission has outlined several important requirements that shall be complied by the applicant. The applicant shall submit an application within a reasonable period for a license before commencement of an installation. Documents to be submitted by applicant shall include, but not limited to the information as listed below subject to revision from time to time;

Mandatory Documents	Additional Documents
I. Endorsed application form	
II. Statutory documents for company registration	
III. Location and floor plan	
IV. Schematic drawing	
V. Consent letter for installation (building owner/local authority);	
VI. Rental, collaboration, or service agreement (if any);	
VII. Form G and H (Regulation 14) with test results;	
VIII. Project summary (as per table below	
IX. Certificate Of Approval/Release Letter for charger (in future	

CHARGER SPECIFICATION TABLE (EXAMPLE)

BRAND / MODEL	XXX	XXX	XXX
NO. OF UNIT	1	2	2
RATED INPUT POWER (KWac)	150kW	60kW	22kW
MAX. CHARGING/OUTPUT POWER / (AC or DC)	120kW / DC	50kW / DC	22kW / AC
MODE OF CHARGING	MODE 4	MODE 4	MODE 3
CONNECTOR TYPE	2 X CCS TYPE2 / CHAdeMO	1 X CCS TYPE2 / CHAdeMO	1 X TYPE2
OUTPUT CABLE SIZE / TYPE (NOZZLE CABLE)	4 X 150MM2 (4C PVC/AL)	1 X 35MM2 (4C PVC/AL)	1 X 10MM2 (4C PVC/AL)

Note: The charger specifications table shall be included in the project summary as above.