

# 1. EV charger with meter



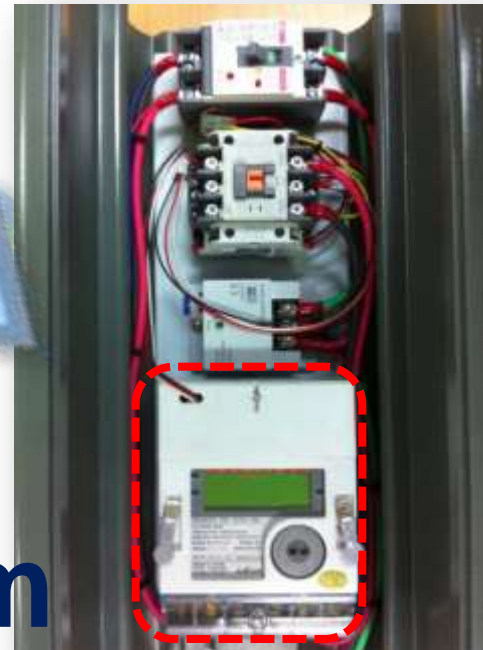
Slow Charger

AC 220 V  
(5 h ~ 6 h)



Rapid Charger

DC 450 V  
(15 min ~ 30 min)



# No problem

# 2. EV charger with embedded system



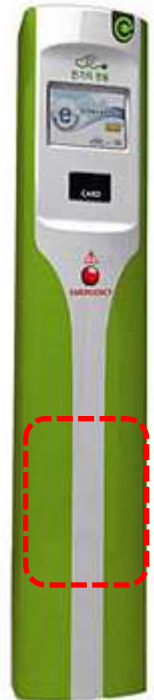
Electricity meter



Main board (EV charger)



Embedded system



Slow Charger

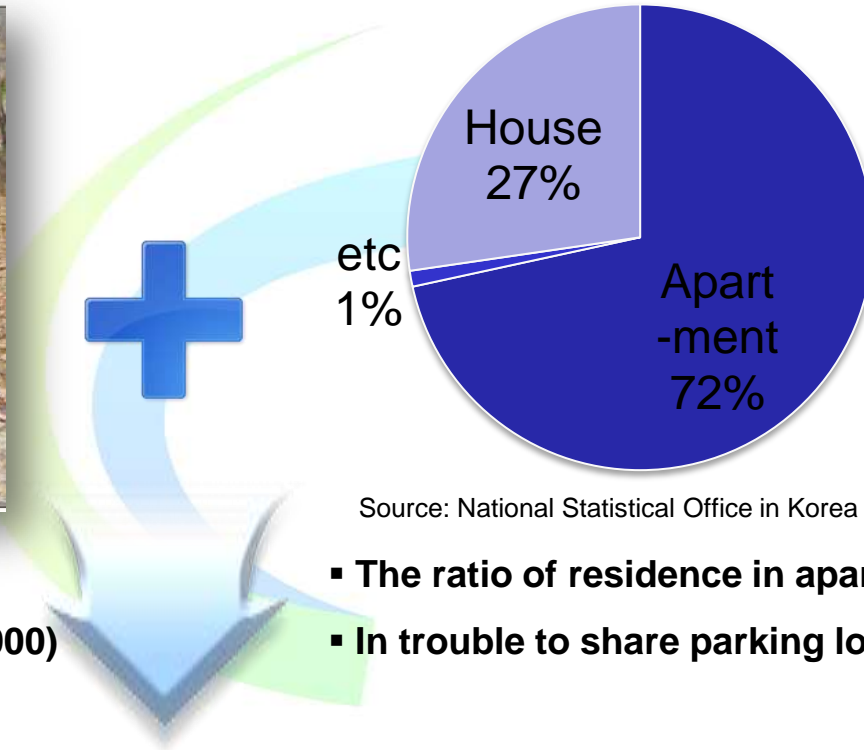


## Main purpose



- Type approval
- Verification
- Re-verification

### 3. Portable EV charger



Source: National Statistical Office in Korea (2010)

- Construction expenses \$7,000  
(Charger \$3,000 + Construction \$4,000)
- Consider power distribution

- The ratio of residence in apartment : 72 %
- In trouble to share parking lot with others

Necessary to supply portable EV chargers

### 3. Portable EV charger

- Max 3.2 kW
- Portable system

- No extra expenses for construction
- Using AC power







## In 2015

- **Developing technical regulation for type approval & verification**
- **Researching method of re-verification in field**

A large, semi-transparent version of the KTC logo is centered in the background, behind the main text. It consists of the same stylized 'K' and 'KTC' text as the header logo.

# Any questions ?