

# The BS-REEV

## Range Extender EV

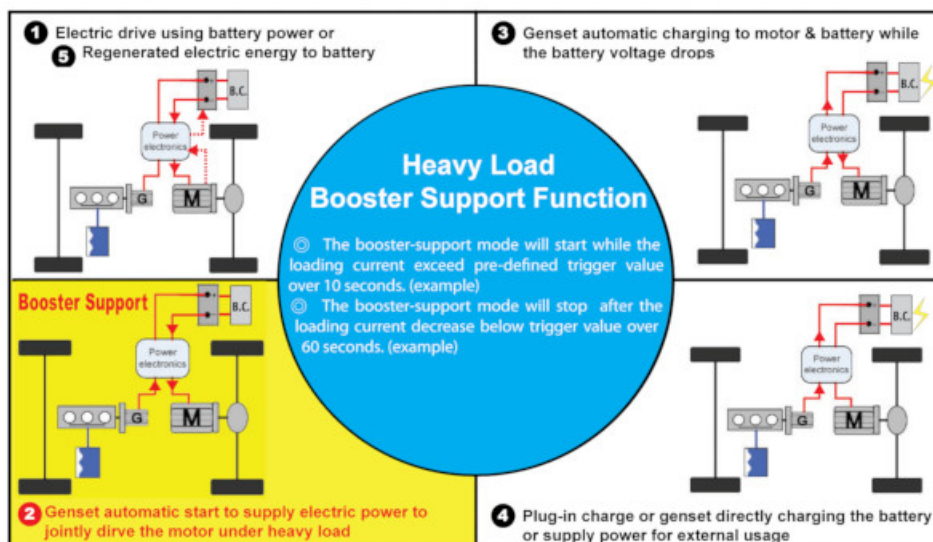
w / Heavy Load Booster Support Function

FRIENDLY  
PATENTED

- Small capacity main battery
- No external power source battery charge (optional plug-in charge)

### Feature:

- Patented function of automatic ICE-genset starting under heavy-loading operation, which increasing energy efficiency by saving energy loss of battery charging/discharging operation, and reduce the impact on battery life.
- Onboard ICE-genset providing electrical energy with high flexibility by traditional refueling infrastructure.
- Driving range significantly extended by onboard genset, the battery is optionally chargeable with home-plug.

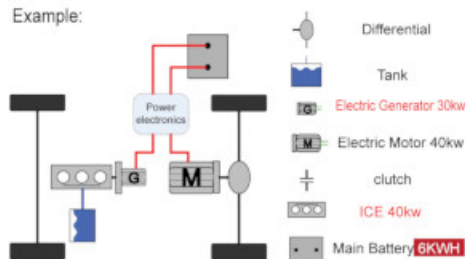


### Architectural Advantages of BS-REEV with heavy-load / booster support function

|                                 | Unit | Conventional plug-in REEV               | BS-REEV                                                                                        |
|---------------------------------|------|-----------------------------------------|------------------------------------------------------------------------------------------------|
| City driving range (by battery) | km   | 30                                      | 30 (w/ B.S. function)                                                                          |
| ICE-genset start timing         | N/A  | Battery SOC lower than preset threshold | Battery SOC lower than preset threshold or heavy load output time longer than preset threshold |
| Battery capacity                | kwh  | 100% (example: 6kwh)                    | 60% (example: 3 kwh)                                                                           |

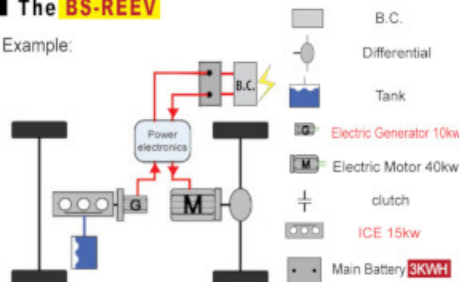
### Conventional plug-in REEV

Example:



### The BS-REEV

Example:



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