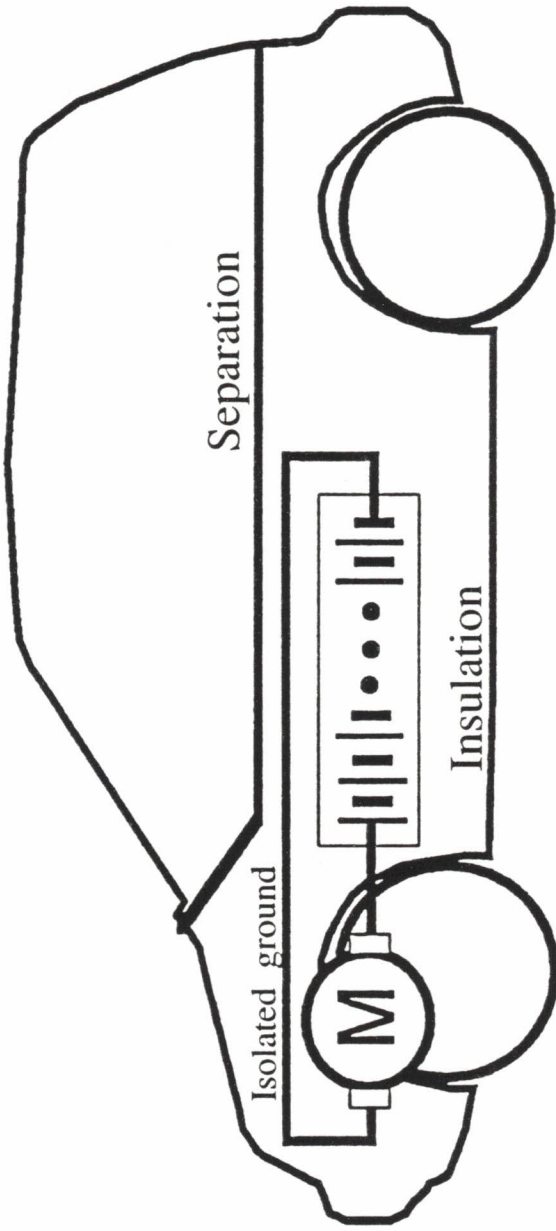


# SAFETY CONCEPT

## Crash Safety

Crash performance is equivalent to conventional vehicle



Intelligent Crash/Fault Detection

Triple Protection System

Collision



Automatic shut off

Separation

Electrical faults



Warning

Insulation

Isolated ground

# HONDA DESIGNED POWER DRIVETRAIN

## MOTOR

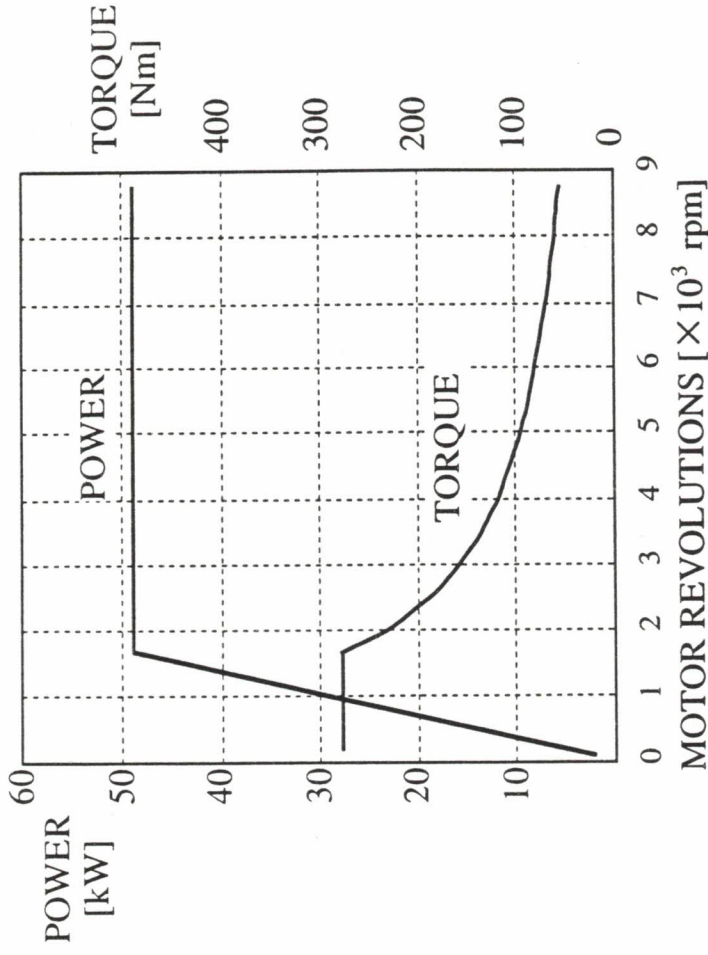
- \* High efficiency DC-brushless motor.
- \* Permanent magnet.
- \* Liquid cooled (Continuous peak power available).

## POWER CONTROL UNIT

- \* Pulse width modulation (IGBT) controller.
- \* Fully integrated systems.  
( Motor ECU, Management ECU, Charger, etc )
- \* Liquid cooled.

## TRANSMISSION

- \* Single speed reduction gear.
- \* Parking lock system.
- \* High efficiency ( > 96% ).

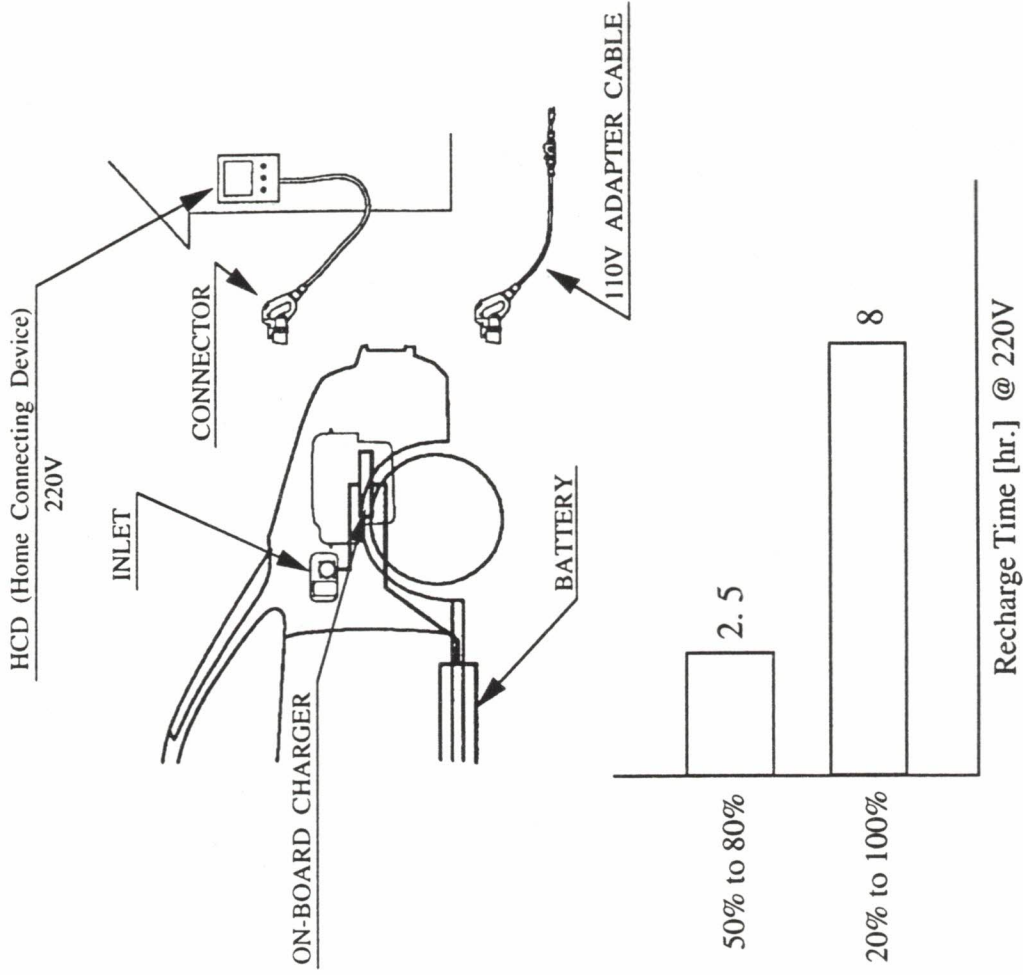


|                          |  |
|--------------------------|--|
| Power ( max. )           | 49 Kw / 8750rpm                                    |
| Torque ( max. )          | 275Nm / 1700rpm                                    |
| Weight ( Kg )            | Motor : 44<br>Transmission : 24<br>Controller : 18 |
| Maximum Efficiency ( % ) | 96<br>( Motor & controller )                       |

# RECHARGE SYSTEM

\* Convenient charge system.

\* Intelligent on-board charger.



## ON-BOARD CHARGER SPECIFICATIONS

| ITEM          | SPECIFICATIONS                |
|---------------|-------------------------------|
| INPUT VOLTAGE | 220V / 110V                   |
| OUTPUT        | 4.2Kw / 1.1Kw                 |
| CONTROL MODE  | Fixed Voltage / Fixed Current |

# SYSTEM

- Running - Turning - Stopping → Totally electrically controlled
- For passenger's safety → Insulating structure isolates high voltage circuits

