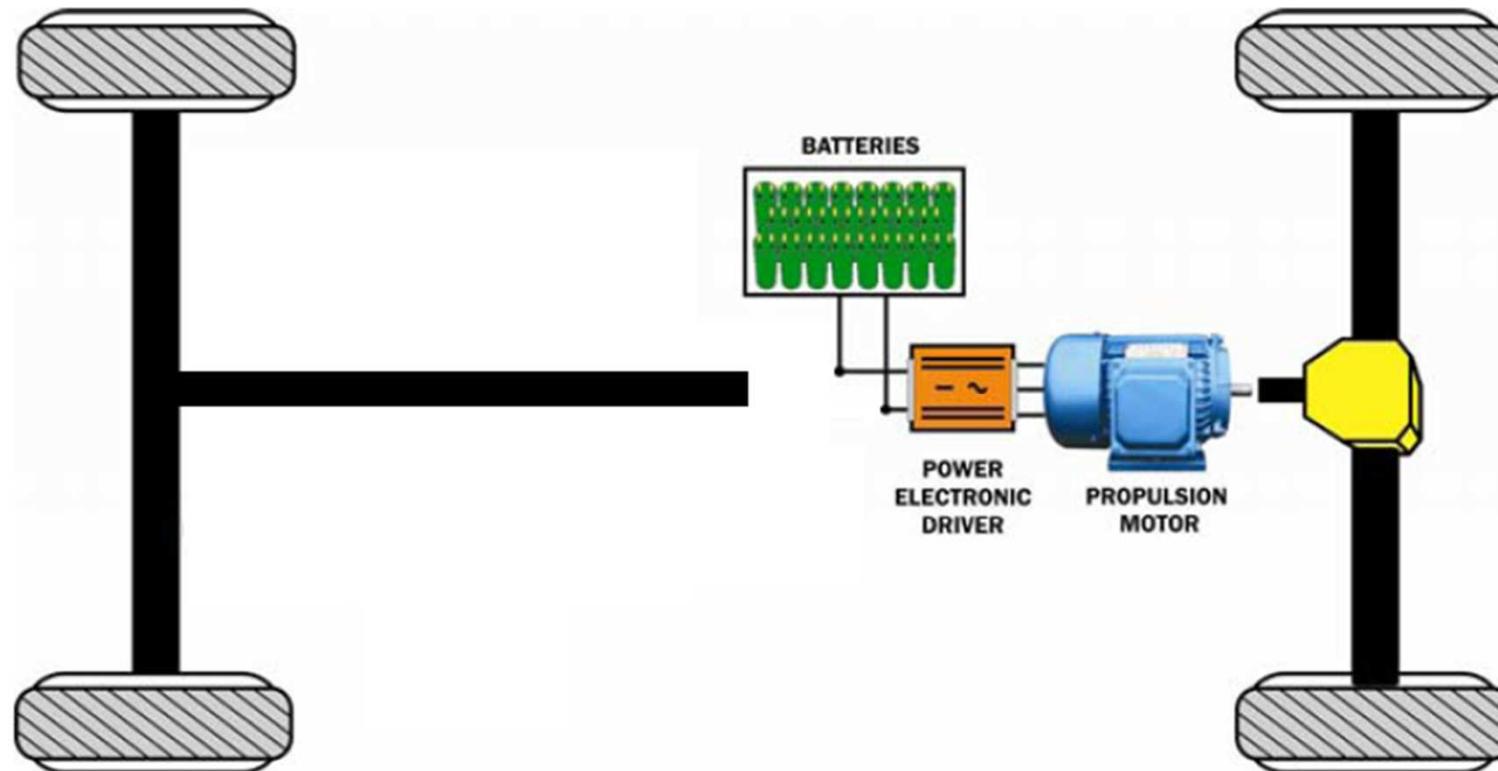
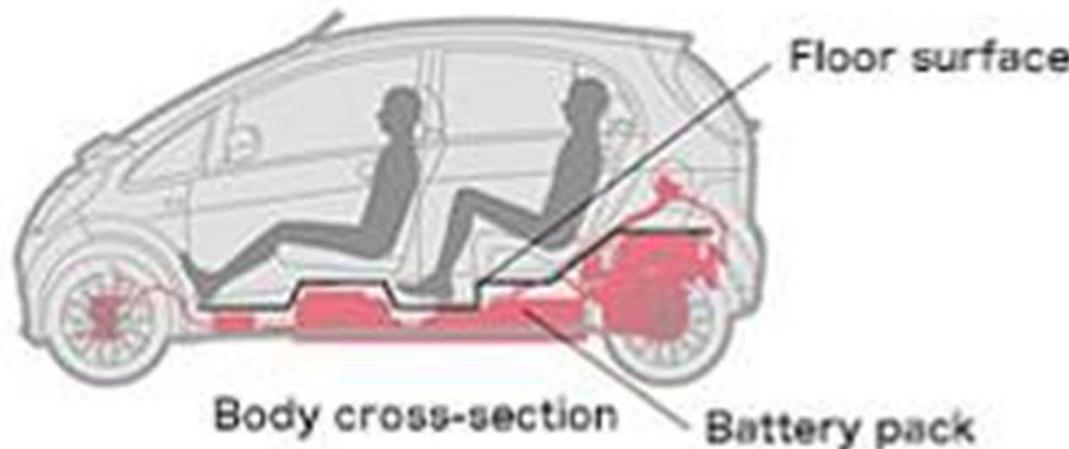


# Possibilidade de Negócios com VEs e VEHs no Brasil

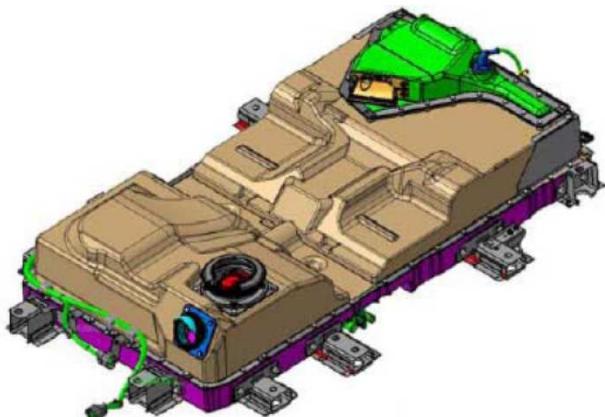




# Tecnología



**Bateria Principal**

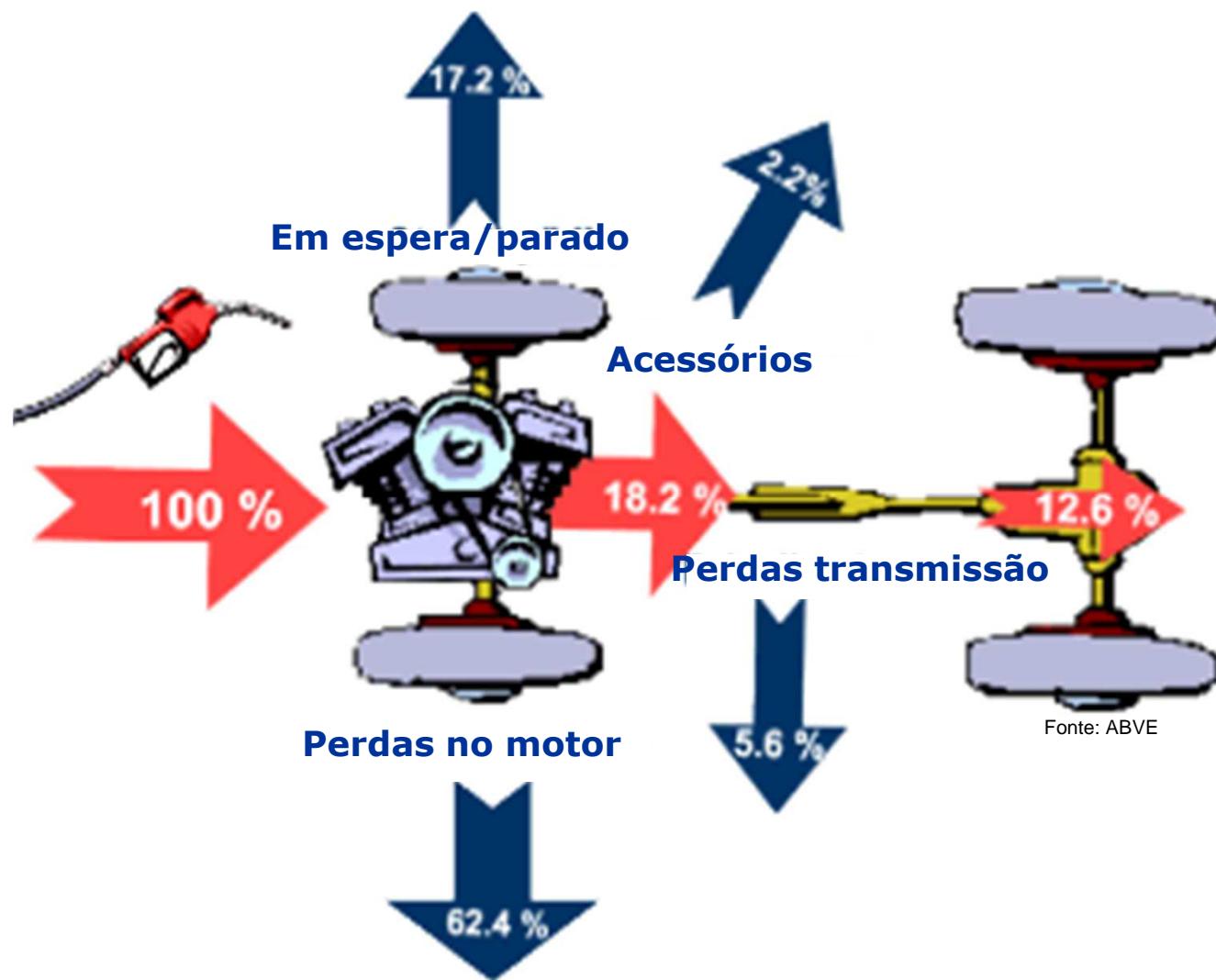


**Motor Eléctrico**

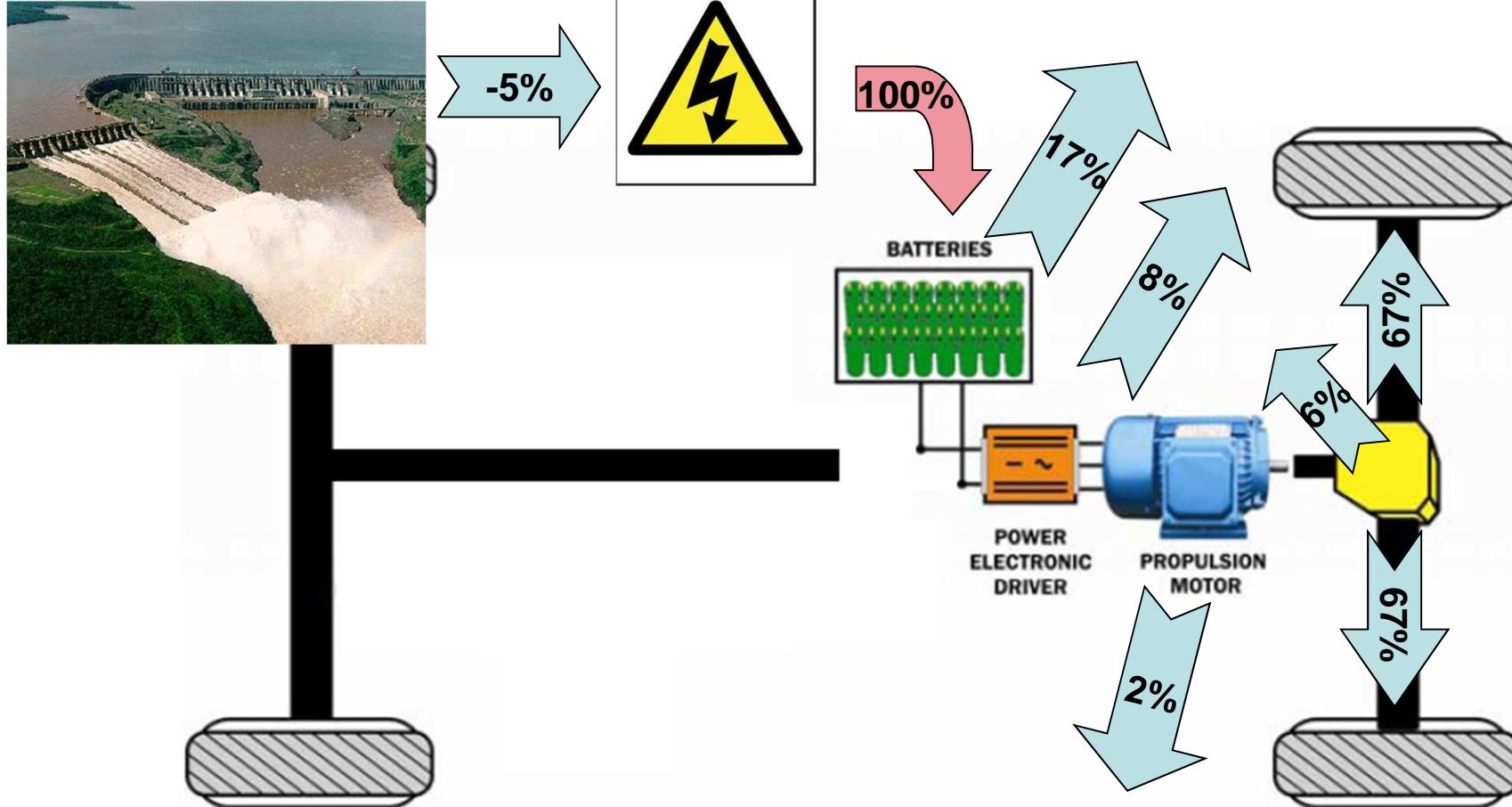


**Inversor Principal**



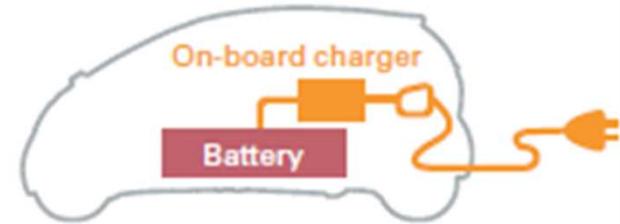


# Tecnologia

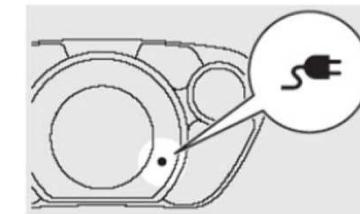


## Regular household charging system

14 hours (100 V) or 7 hours (200 V)



## Household charging plug



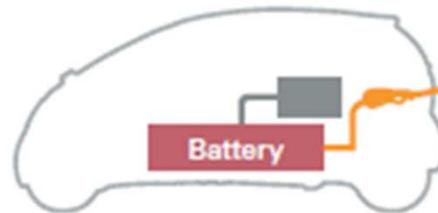
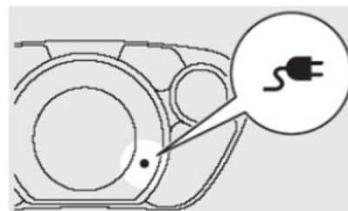
## Tomadas residenciais

110V – 14 Horas de carregamento para carga máxima

220V – 7 Horas de carregamento para carga máxima

## Quick charging system

30 min. (200 V) <80%>



## Quick charger

## Plug for quick charging



Partner: The Tokyo Electric Power Company, Inc.

## Carga rápida

80% da carga da bateria em 30 minutos

Carregamento em equipamento especial (200V 50kW)

# Consumo de Energia Elétrica por Setor

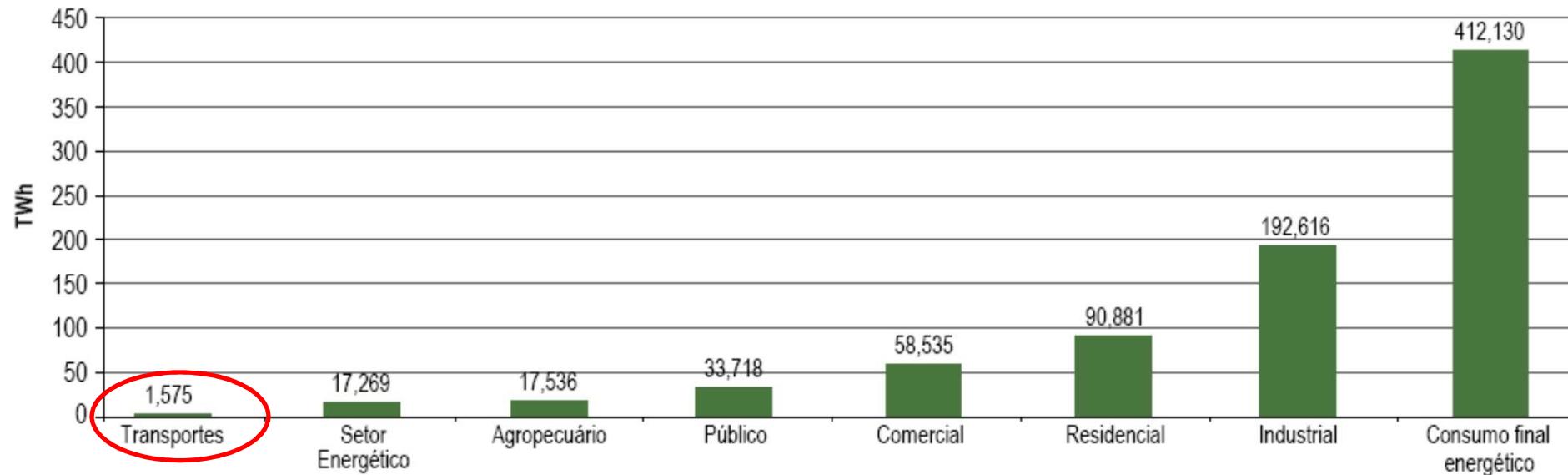


Gráfico 2.6 - Consumo de energia elétrica por setor no Brasil em 2007.

Fonte: BEN, 2008.

# Mercado – Compactos Premium



Equipamentos de  
Segurança

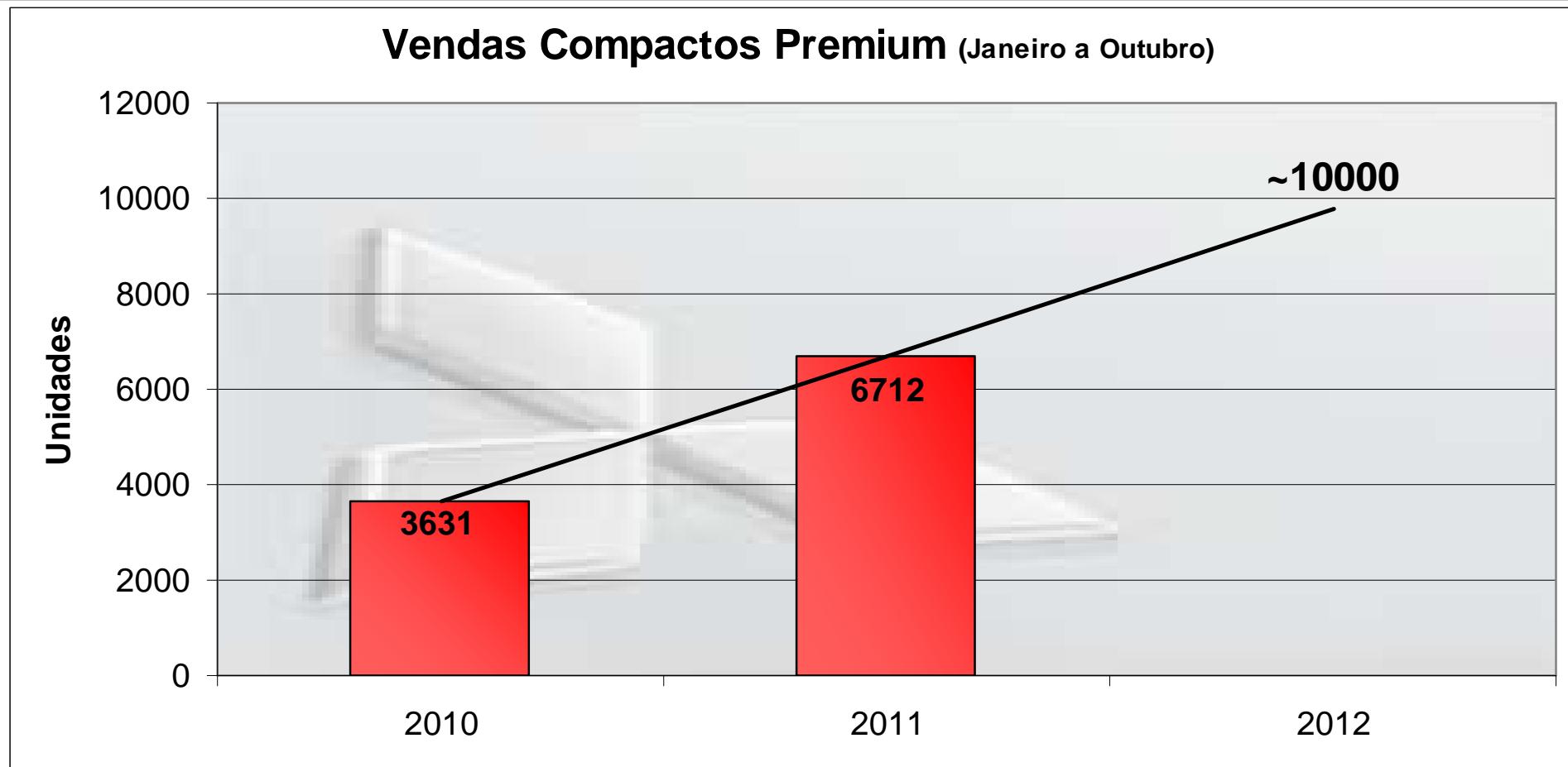


Tecnologia  
Embarcada



# Mercado – Compactos Premium





O mercado de Compactos Premium possui participação de 0,3% no mercado brasileiro em 2011

**Valor médio = R\$ 90.000,00 (max: R\$143.750,00 / min: R\$39.990,00)**

## Valor com todos os impostos até 15/12/2011:

- Imposto de Importação = 35%
- IPI = 25%
- ICMS = 11,34%
- PIS COFINS = 11,60%

**R\$ 220.000,00**

## Valor com todos os impostos após 15/12/2011:

- Imposto de Importação = 35%
- **IPI = 55%**
- ICMS = 11,34%
- PIS COFINS = 11,60%

**R\$ 290.000,00**

Cotações: U\$ 1,70 e Y\$ 85,00

## Valor com Isenção dos Impostos Federais

- Imposto de Importação = 35%
- IPI = 0%
- ICMS = 11,34%
- PIS COFINS = 0%

**R\$ 150.000,00**

## Valor competitivo no mercado de Compactos Premium

- Imposto de Importação = 10%
- IPI = 0%
- ICMS = 11,34%
- PIS COFINS = 0%

**R\$ 120.000,00**

Cotações: U\$ 1,70 e Y\$ 85,00

# Mercado – Venda para Empresas



i-MiEV



MINICAB - MiEV

# OBRIGADO !