

# BEV用小型e-Axle

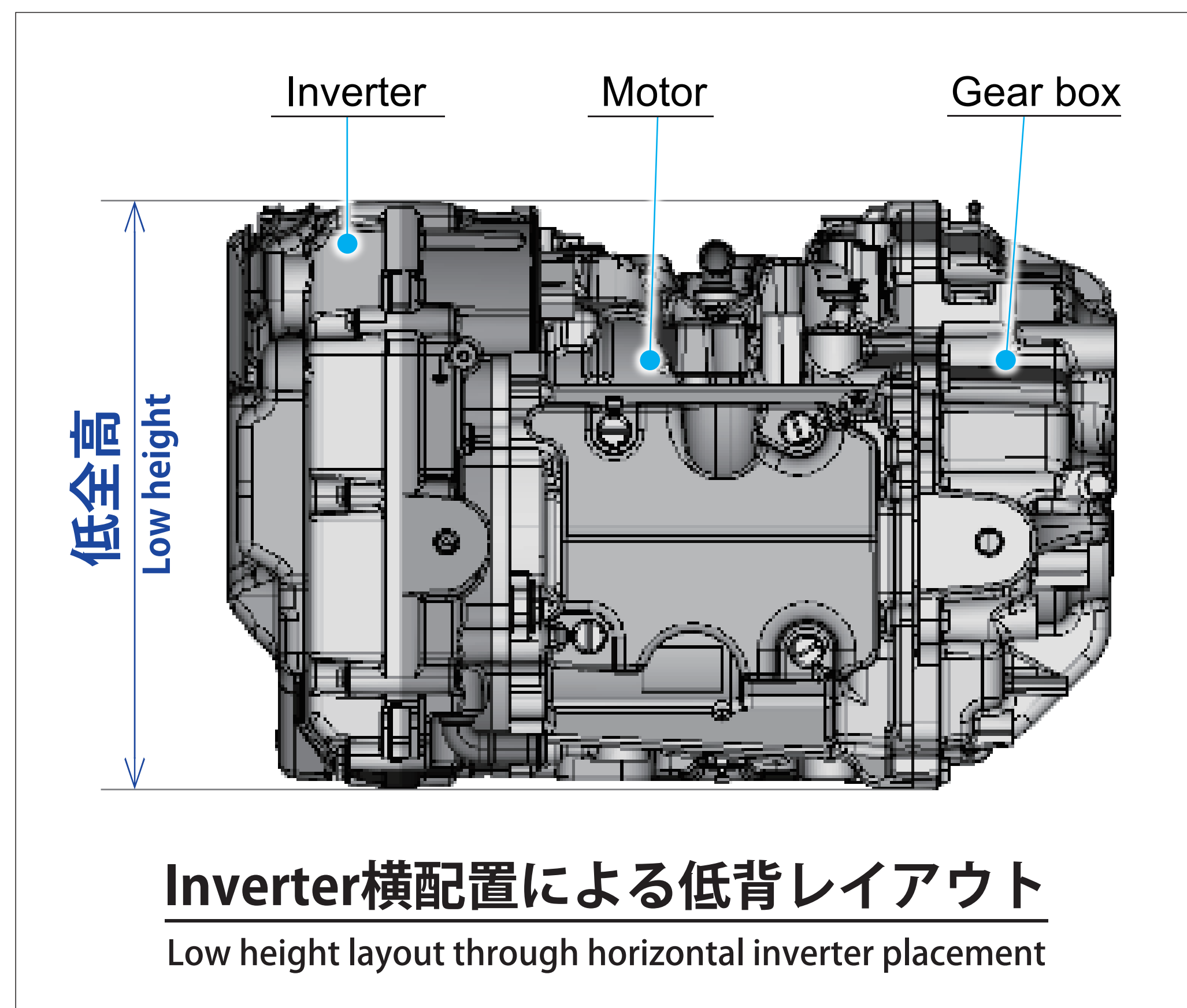
Compact e-Axle for BEV

**Astemo**  
Mobility Beyond

## e-パワートレインの市場拡大に向けてBEV Platformに対応した小型・高効率電動パワーユニット

BEV-platform compatible, compact and highly efficient electric power unit to expand the e-powertrain market

### 特長: Features



- 低背レイアウトにより車両搭載の自由度を向上  
Low height layout improves the degree of freedom in vehicle mounting
- 世界トップクラスの高効率(90%)により  
AER\*拡大/バッテリー容量の削減に貢献  
Top, world-class efficiency contributes to the expansion of AER\* and reduction of battery capacity
- Astemo独自技術による高密度・高効率・低NV化  
Astemo's unique technology delivers high density, high efficiency, and low NV
- 組み合わせにより様々なBEVシステムを実現可能なラインナップ  
Different combinations enabling various BEV systems

\*AER: All-electric range : 全電気航続距離

### 適用 / Applications

- C/DセグメントBEV/HEV適用  
C/D segment BEV/HEV application

# BEV用小型e-Axle

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## ● 低背レイアウトによる車両搭載自由度向上

Greater freedom of vehicle mounting with low height layout

## ● 世界トップクラスの**高効率**でAER拡大/バッテリー容量の削減に貢献

Top, world-class efficiency contributes to the expansion of AER and reduction of battery capacity

### 仕様 / Specifications

- **ユニット全高 (Height)** : 484(W)×460(L)×**331(H)** mm
- 最大出力 (Maximum output) : 180KW
- **効率 (efficiency)** : 90%

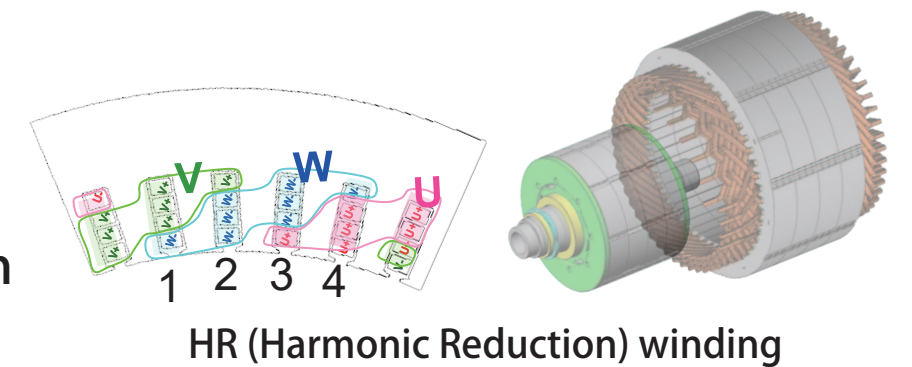


## ● Astemo独自技術による高密度・高効率・低NV化

High density, high efficiency, and low NV through Astemo's unique technology

- Astemo独自のコイル配置/ローター最適設計による**高密度・高効率・低NV化の実現**

Unique coil arrangement and optimized rotor design achieves high density, efficiency and low NV

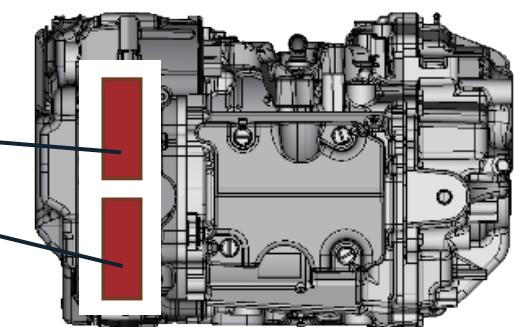


- Inverter **高密度パッケージ** (Dual INV)  
Inverter High-Density Package (Dual INV)

Dual Inverter集約  
Dual Inverter consolidation

Dual (AWD)

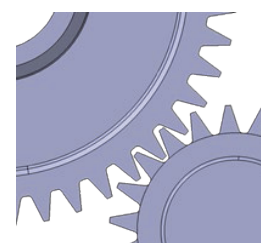
Single (2WD)



## ● 様々なBEVシステムに適用する**拡張性**

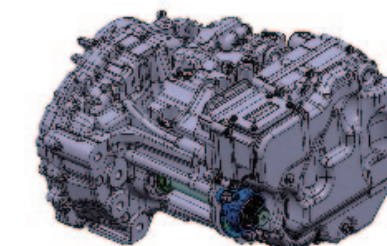
Expandability to apply to various BEV systems

**Gear**  
2-ratio variation  
(11.740 / 8.821)



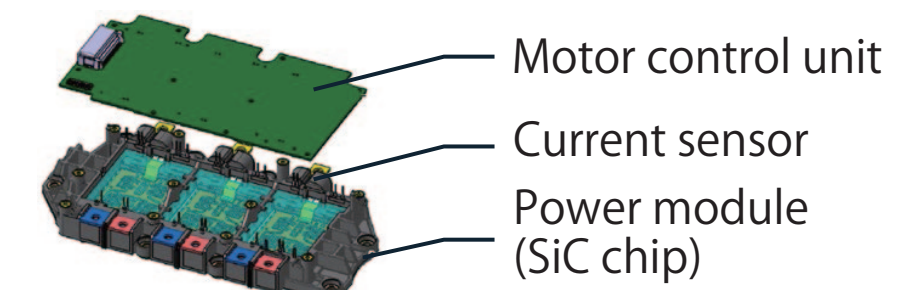
**e-Axle**

- 3-in-1 (single inverter)
- 4-in-1 (dual inverter for AWD)



**Inverter**

2 variation (single/dual)



**搭載自由度と拡張性から多彩なバリエーションを実現**

Flexible mounting and expandability enable a wide variety of variations