

日本語

English

On-Board Charger

PHV・EV用車載充電器



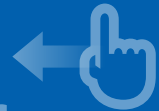
日本語

English

トヨタ 新型プリウスPHV搭載



On-Board Charger

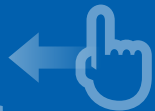


日本語

English

- 家庭用交流電源 (AC) を直流電圧 (DC) に変換し、車載高圧バッテリーを充電。
- ACからDCへの変換ロスを最小限に抑える制御方式で充電効率向上。

On-Board Charger



日本語

English

■仕様

最大出力：3.3kW(@AC240V)

定格入力電圧：AC100～AC240V

充電電池電圧：282～396V

体 格：4.4L

On-Board Charger

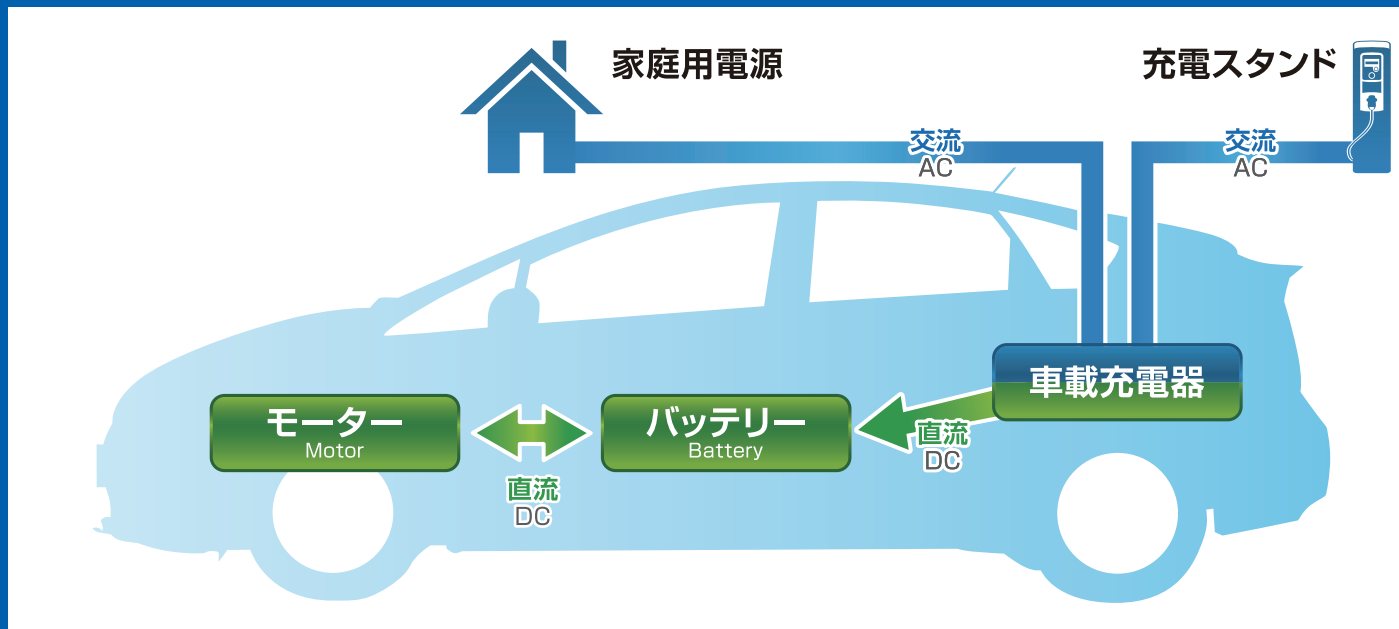


車載用充電器の役割

日本語

English

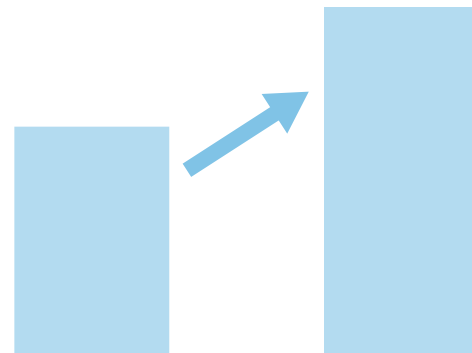
- 家庭用のACをDCに変換し、車載バッテリーを充電。



On-Board Charger

充電
出力

約 1.7 倍

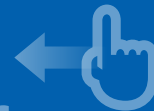


日本語

English

- バッテリーへの充電出力を従来の約 1.7 倍に向上。

On-Board Charger



約 **50%** 小型化

日本語

English

- 従来、別体だった充電システム ECU※の内蔵と冷却性能向上のために構造を見直し、従来より約50%小型化。

※ Electronic Control Unit

On-Board Charger



TOYOTA

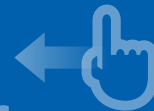
ワールド ワイド対応

日本語

English

- AC100~240Vまでの幅広い入力電圧に対応。

On-Board Charger



日本語

English

On-Board Charger



TOYOTA

Used on the New Prius PHV

日本語

English

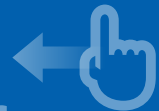


On-Board Charger



- Converts household AC voltage to DC voltage to charge high-voltage on-board batteries.
- Raises charging efficiency using a control method that minimizes losses when converting from AC to DC.

On-Board Charger



日本語

English

■ Specifications

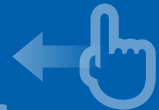
Maximum output : 3.3kW(@AC240V)

Rated input voltage : AC100~AC240V

Charging the battery voltage : 282~396V

Volume : 4.4L

On-Board Charger

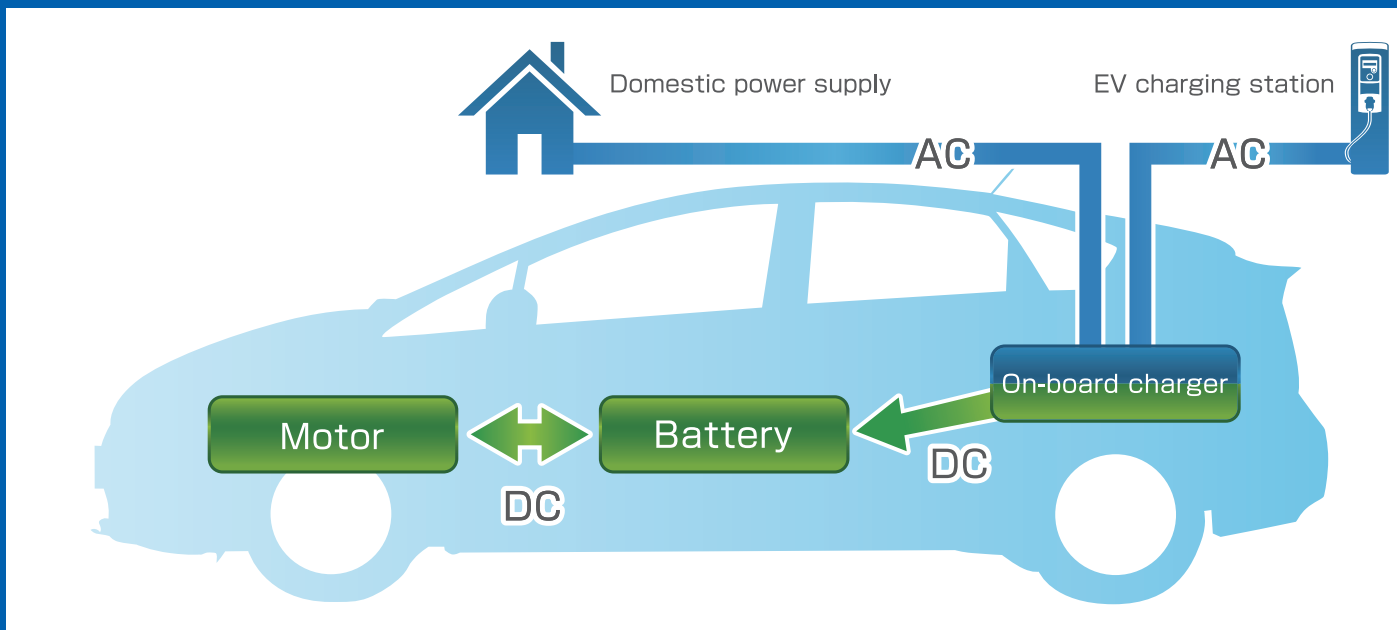


Roles of the On-Board Charger

日本語

English

- Converts household AC to DC and charges on-board batteries

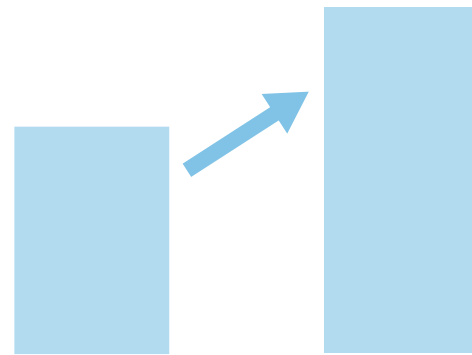


On-Board Charger



Approximately

1.7 Times

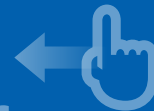


日本語

English

- Charging output to the battery is approximately 1.7 times higher than previously.

On-Board Charger



Approximately

50% smaller

日本語

English

- The charger has been made approximately 50% more compact than earlier versions by incorporating the charger into the charge system ECU*, which previously was a separate unit, and raising cooling performance.

*Electronic Control Unit

On-Board Charger



Used anywhere in the world



日本語

English

- Supports a wide input voltage range from 100V to 240V.

On-Board Charger

