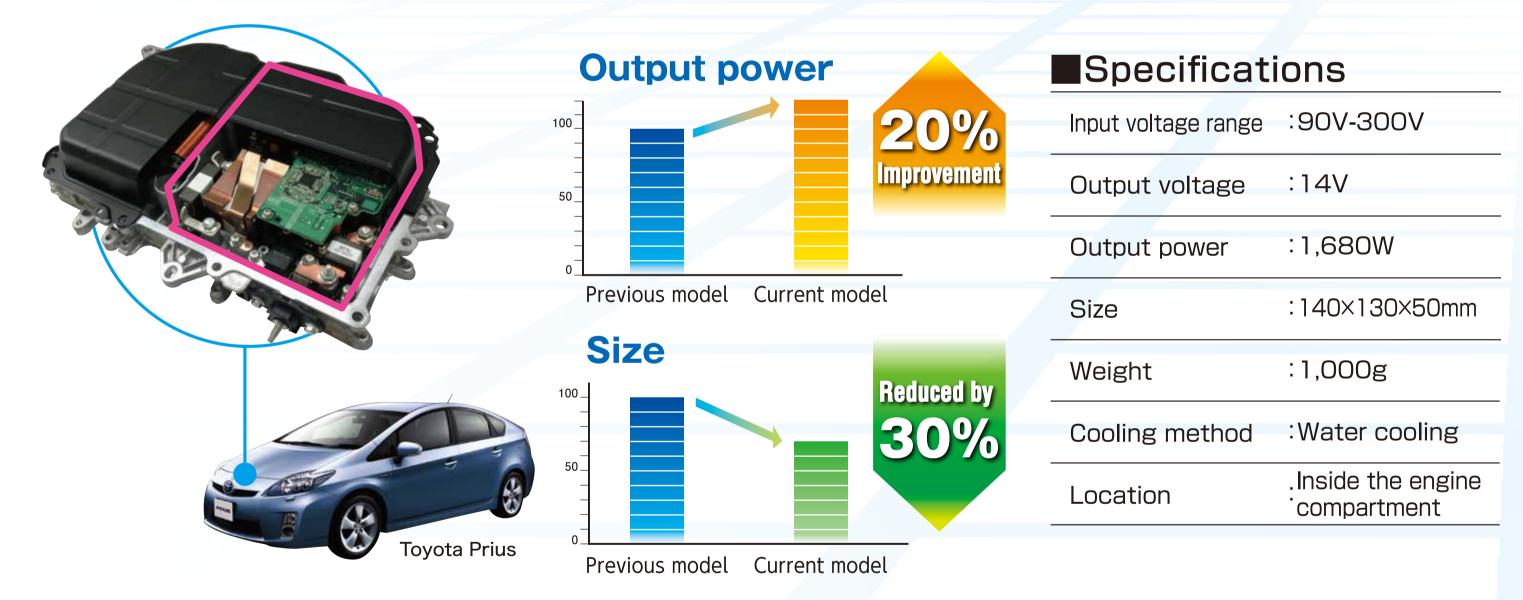
DC-DC Converter

The DC-DC converter lowers the high voltage of the battery used in hybrid vehicles to supply power to on-board equipment such as lights and windshield wipers, as well as to charge the auxiliary battery. We also offer a line of power supplies for electric power steering.

DC-DC Converter for the Toyota Prius

The use of a newly developed circuit for reduced size has resulted in a 20% output improvement and a 30% size reduction compared to the previous model. The new DC-DC converter is also installed in the LEXUS CT 200h.



DC-DC Converter for the Toyota Yaris Hybrid

DC-DC converter for compact car.



Specifications			
Input voltage range	:120V~200V	Size	:140×130×45mm
Output voltage	:14V	Weight	:700g
Output power	:1,120W	Cooling method	:Water cooling
Location	:Inside the engine compartment		

An idling-stop system automatically shuts down the vehicle's engine when the vehicle comes to a stop during traffic congestion or at a stoplight, thereby reducing fuel consumption. Because they improve fuel efficiency and reduce CO₂ emissions, idling-stop systems are expected to be widely adopted in the future.

Voltage Stabilizer

When the engine restarts, the voltage supplied from the auxiliary battery momentarily drops. The Voltage Stabilizer supplies stable voltage in order to protect on-board equipments such as the audio system, navigation system, and meters against this voltage drop.

