

Railcar Traction Inverter with New Standardized Design

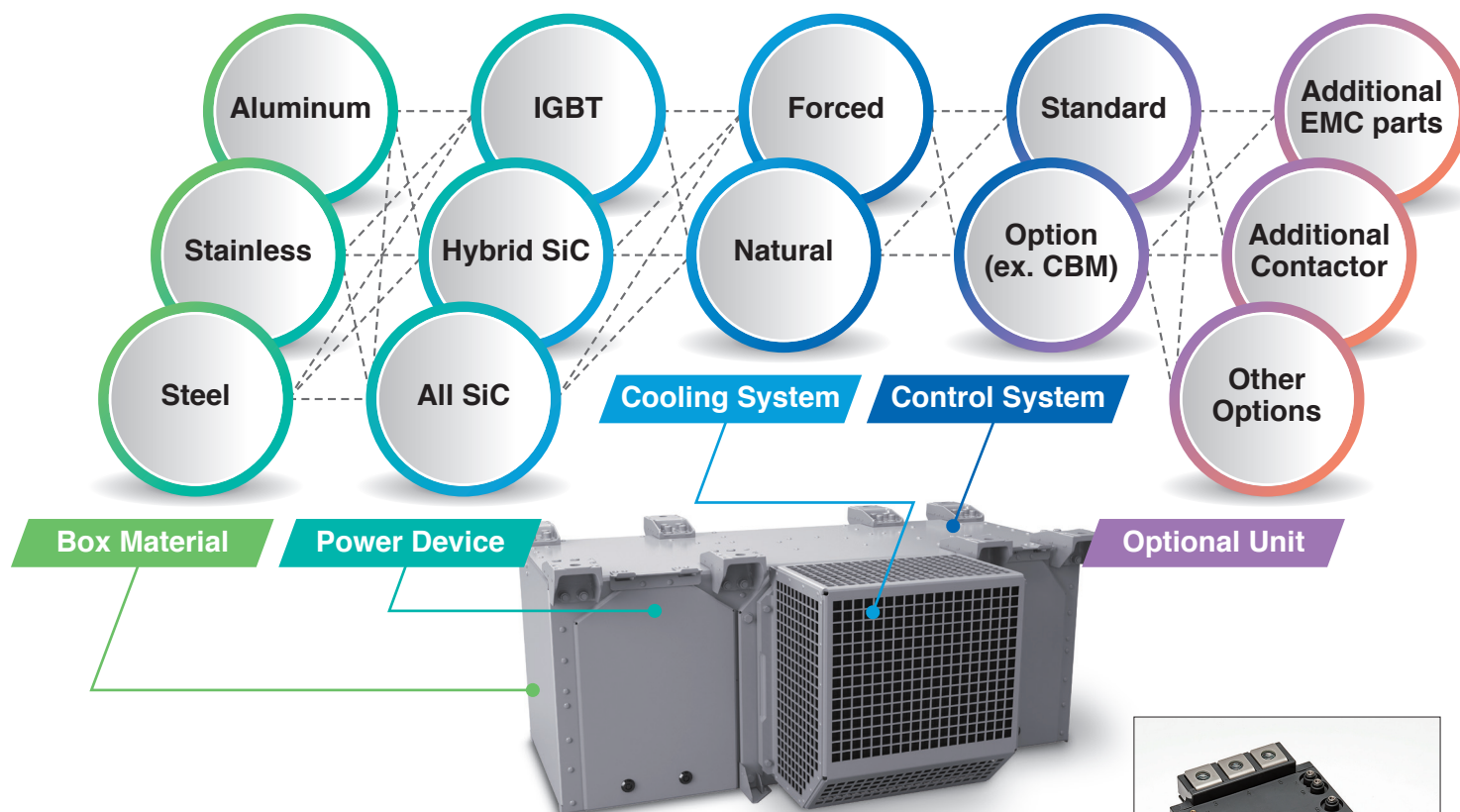
Mitsubishi Electric provides the flexibly customized traction inverters with reliable standard units.

Mitsubishi Electric has been providing high reliable traction inverter systems to all over the world since 1995, for more than 85,000 cars.

New Standardized Traction Inverter

As part of a new generation traction system, the traction inverter can cover a wide power range and various specifications with compact size and light weight. Furthermore, the mass customization concept allows various customizations. Mitsubishi Electric will provide:

- High reliable traction inverter based on international standards and own accumulated technology
- Optimized traction inverter with minimum design / manufacturing time



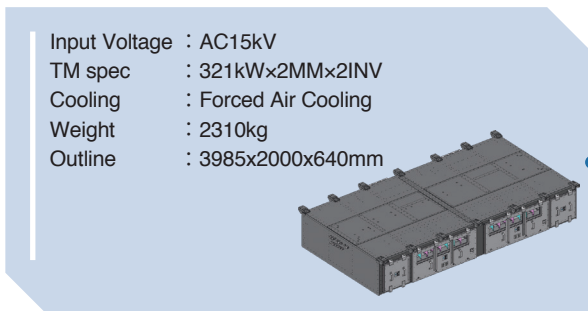
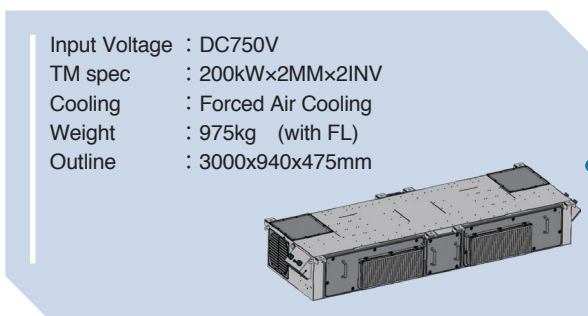
Mitsubishi Electric Power Device

- Three kinds of power device depending on high power, high efficiency requirements etc.
- Compatible power device design which can be assembled with same heat sink.



Standard Lineups of Traction Systems

Mitsubishi Electric can provide various traction systems which meet customers specifications, DC/AC, 750V to 3000V, 50/60/16.7Hz, EMU/DEC/Loco/High Speed, DC/DC Converter with Li-Ion Battery.



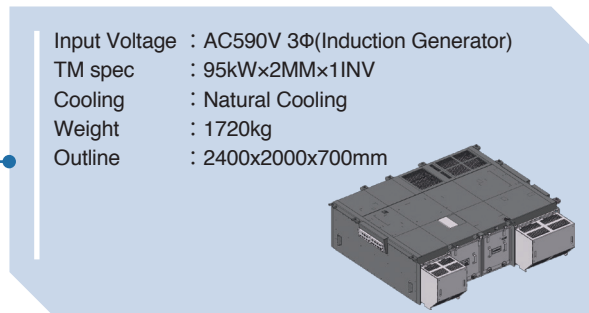
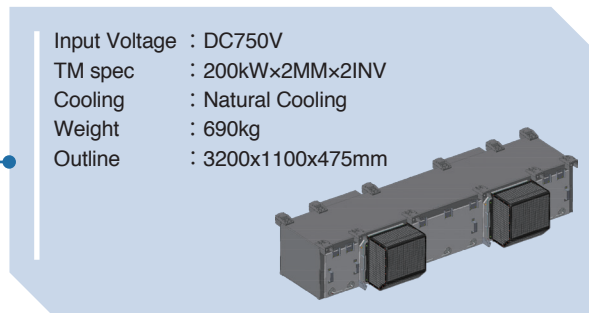
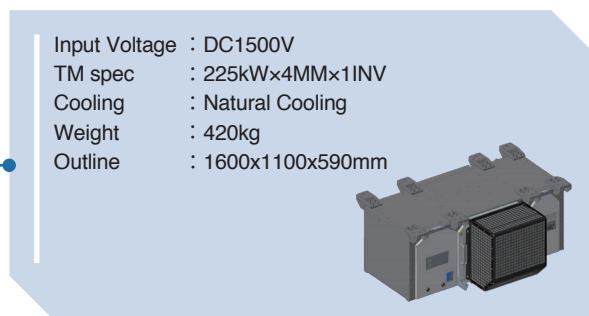
Type 1

Type 2

Type 3

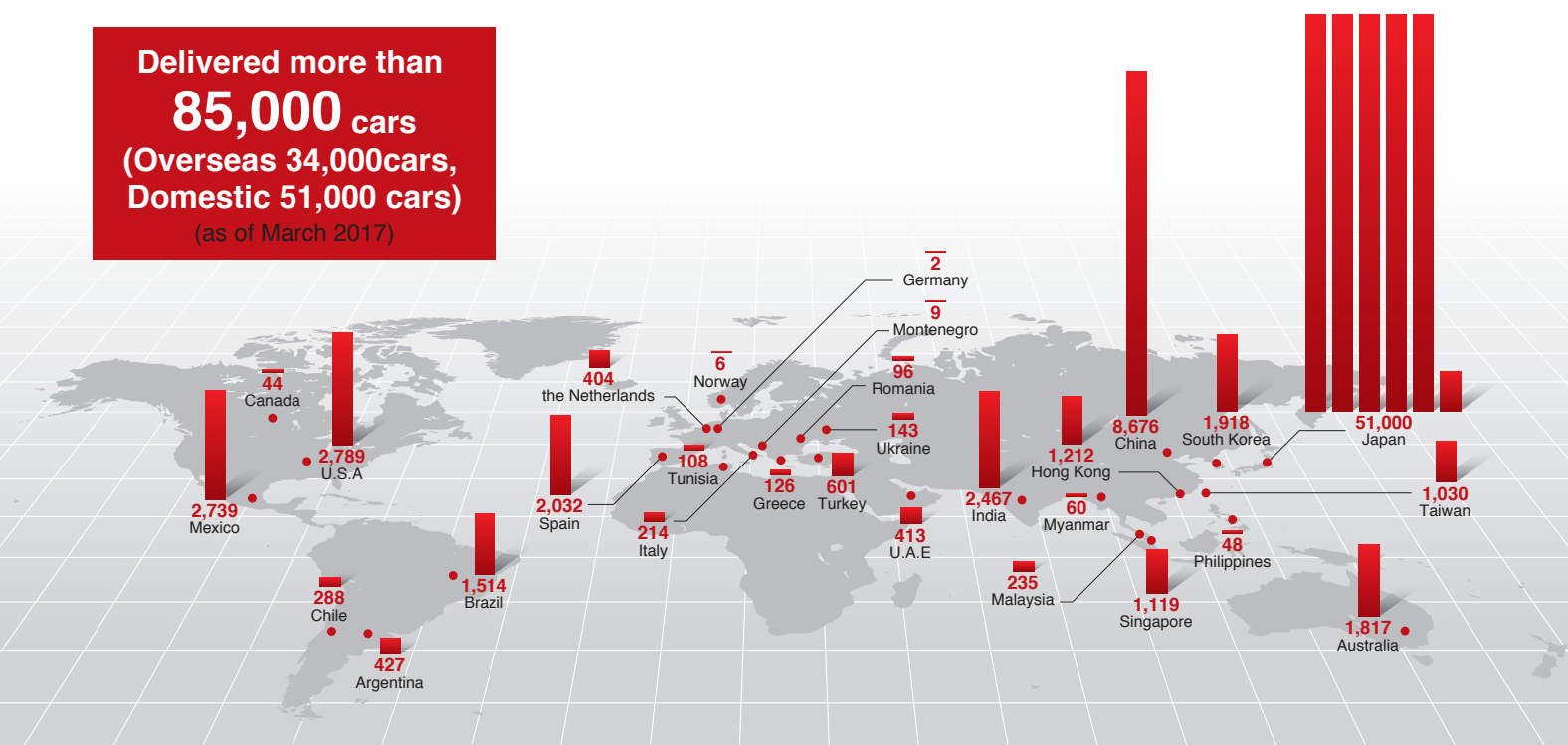
Type 4

Type 5



Manufacturing Record (World)

Delivered more than
85,000 cars
 (Overseas 34,000cars,
 Domestic 51,000 cars)
 (as of March 2017)



MITSUBISHI ELECTRIC CORPORATION

<http://www.MitsubishiElectric.com>

Effective Sep. 2018.
 Specifications are subject to change without notice.
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