

# Railcar Traction Inverter with New Standardized Design

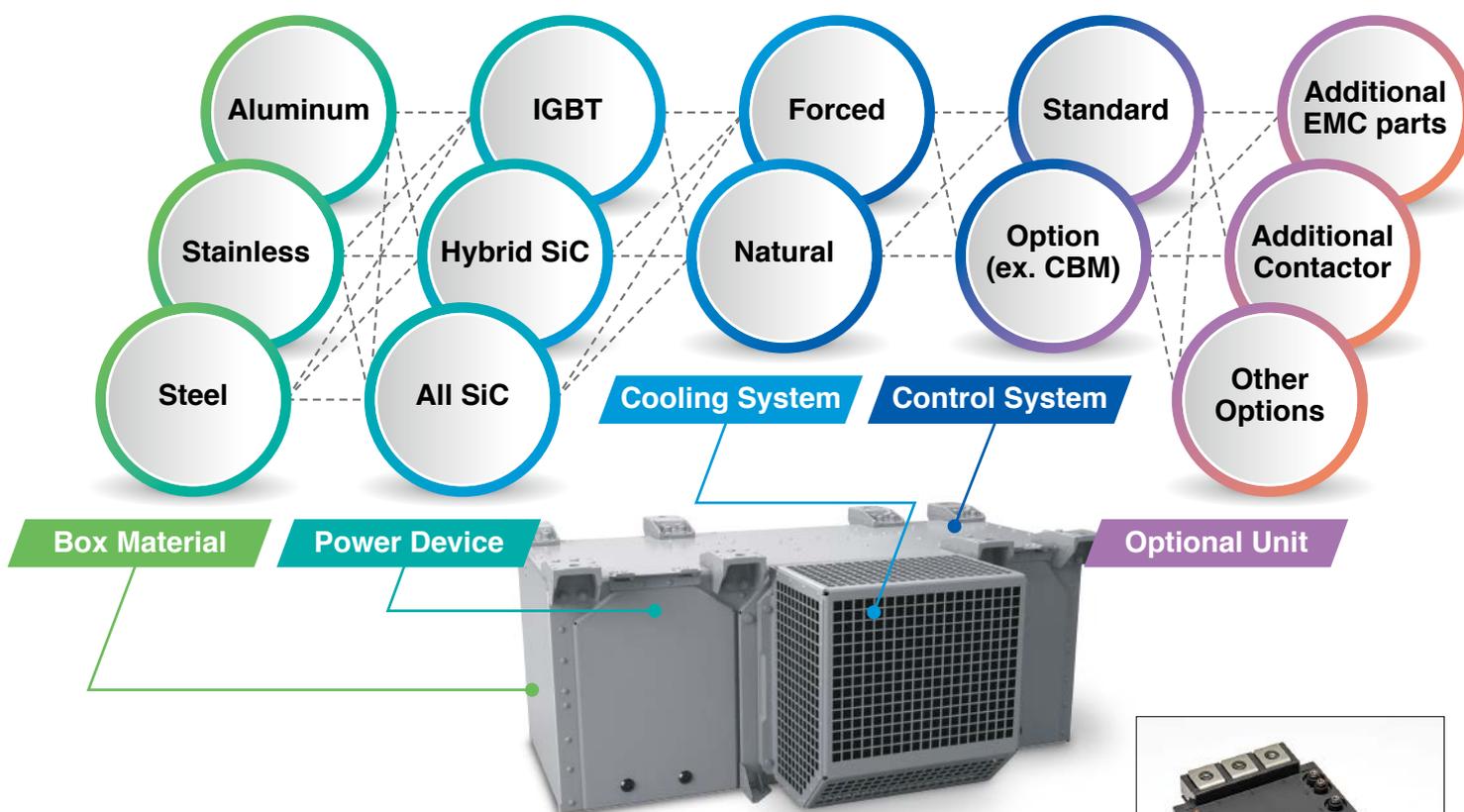
**Mitsubishi Electric provides the flexibly customized traction inverters with reliable standard units.**

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

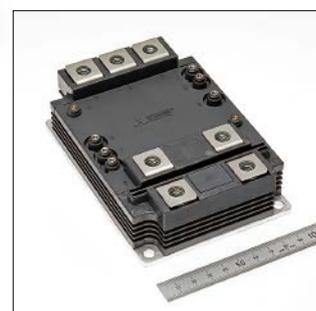
As part of a new generation traction system, the traction inverter can cover a wide power range and various specifications with compact size and light weight. Furthermore, the mass customization concept allows various customizations. Mitsubishi Electric will provide:

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



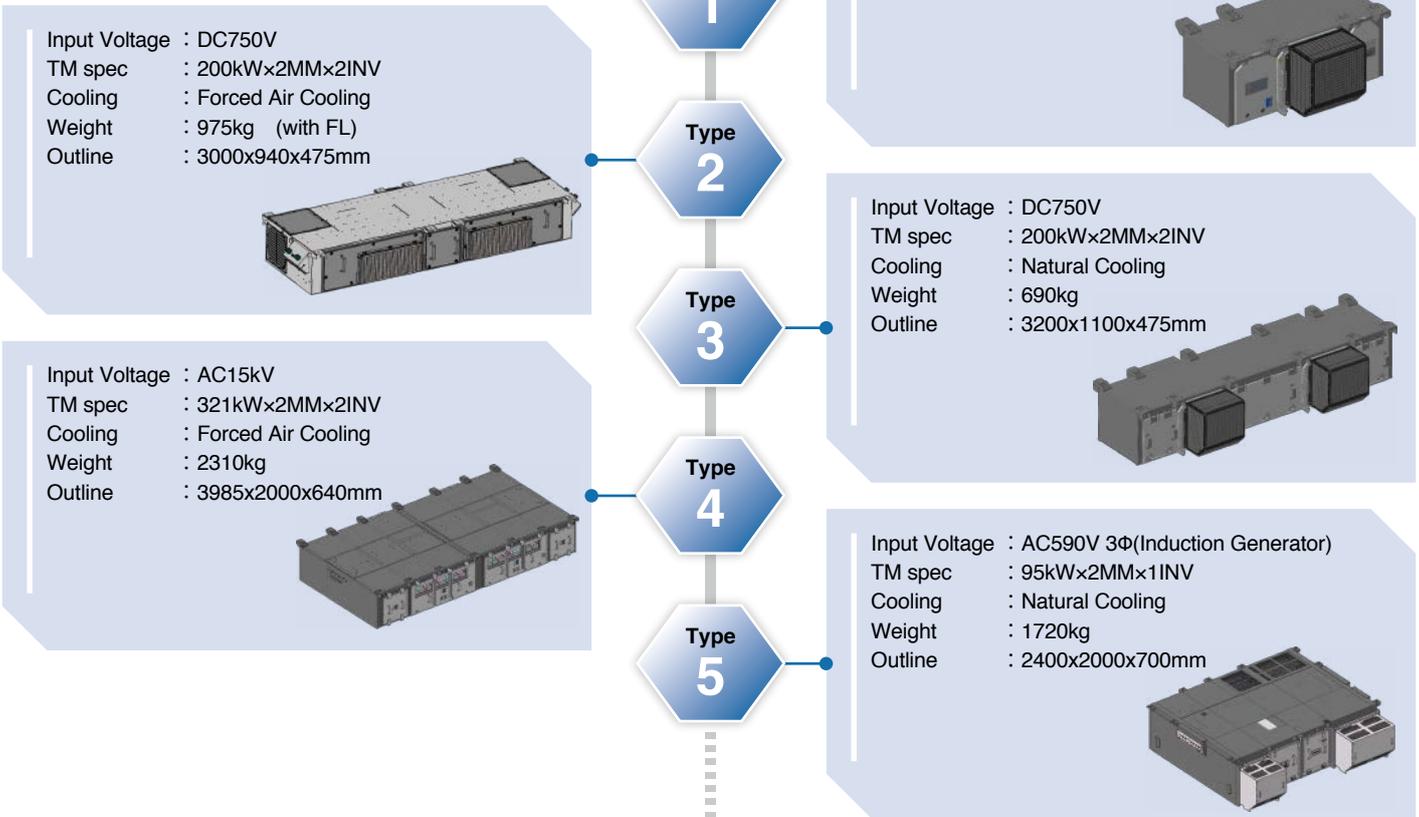
## Mitsubishi Electric Power Device

- 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.



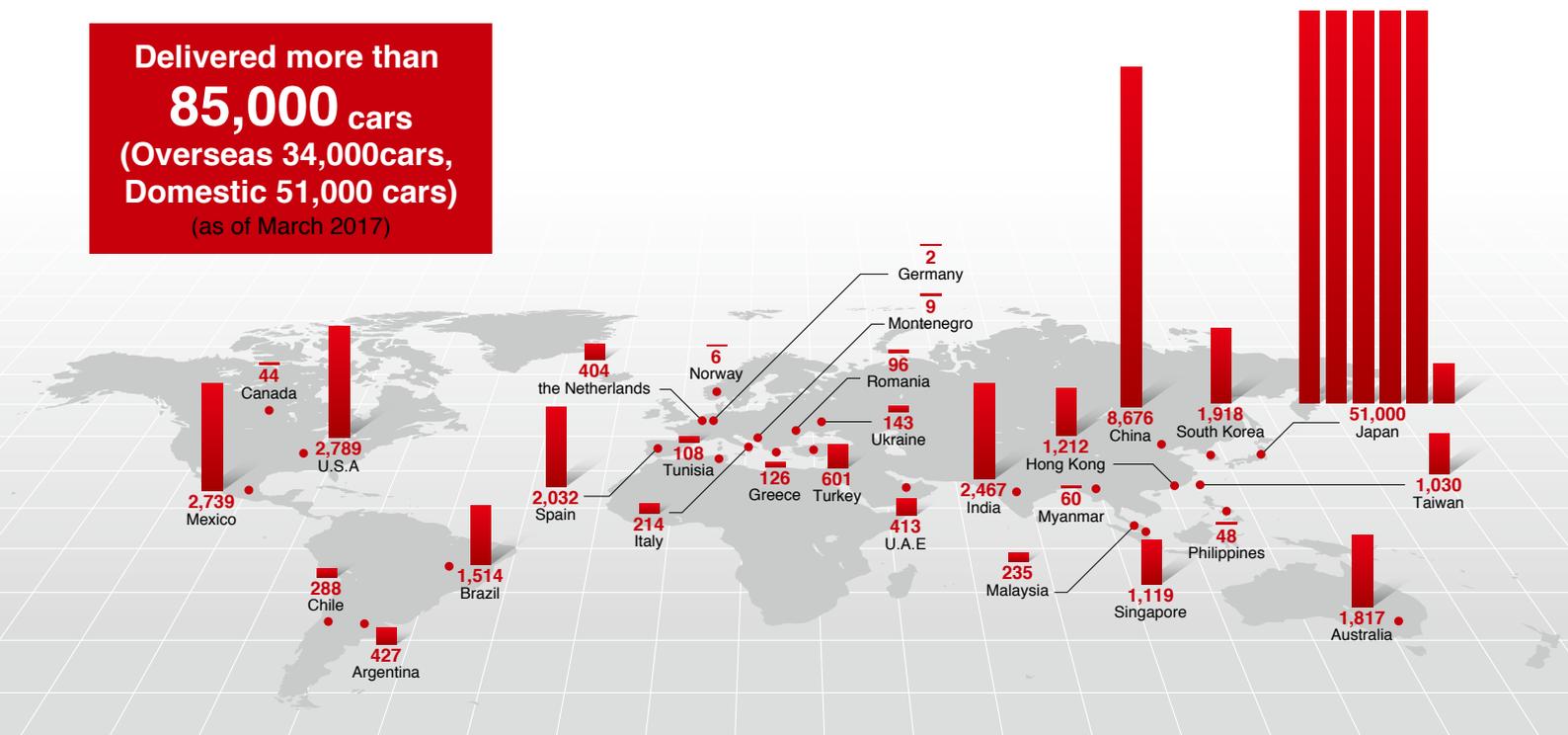
# Standard Lineups of Traction Systems

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.



# Manufacturing Record (World)

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



**MITSUBISHI ELECTRIC CORPORATION**

[www.MitsubishiElectric.com](http://www.MitsubishiElectric.com)

Effective Jun. 2022.  
 Specifications are subject to change without notice.  
 © Mitsubishi Electric Corporation, 2022