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ASSOCIATION STANDARD

T/GAEPA 002-2023

Communication protocols between super charger and electric vehicle

电动汽车超级充电设备与车辆之间的数字通讯协议

(English Translation)

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This document was issued on 20 March 2023 as a T/GAEPA association standard, and has applied since 21 March 2023.

It is an association standard: published by the association and applied by agreement between the parties that adopt it.

1 Scope

T/GAEPA 002-2023 sets the digital communication protocol between an electric vehicle super charger and the vehicle it charges. High-power DC charging only works if the charger and the battery management system of the car agree, message by message, on who they are, what the battery can accept and when to stop: this document defines that exchange for super charging equipment. It was developed from the charger-to-vehicle communication protocol of GB/T 27930-2015, with the changes that super charging requires. It applies to super charging equipment and to the electric vehicles that connect to it. Issued on 20 March 2023, it has applied since 21 March 2023.