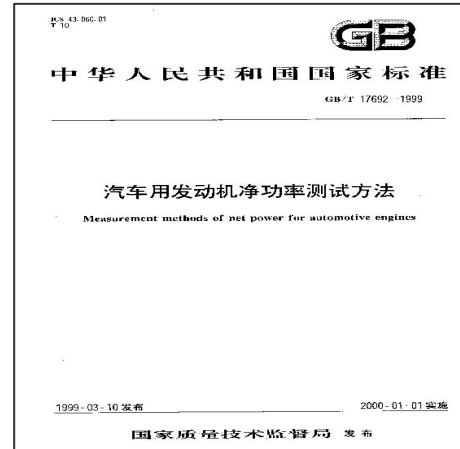
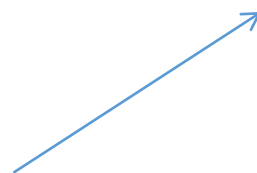
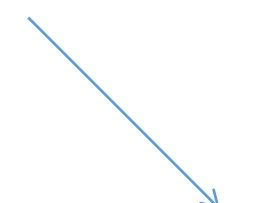


There are two GB/T standards corresponding to the international standard UN R 85.

UN R85



GB/T 17692 Measurement methods of net power for automotive engine



GB/T 18488 The electrical machines and controllers for electric vehicles—Part 2: Test methods (motor power)

UN R85 and GB/T 18488

	ECE R85	GB/T 18488	GB/T 17692
Test item	1) maximum net power in 30 minutes 2) maximum net power	1、 general item 2、 The input and output characteristics 3、 enviroment adaptation 4、 safty 5、 EMC	1、 The input and output characteristics
Judgment	The maximum net power and maximum net power in 30 minutes are allowed to differ from the declared value by $\pm 5\%$	The input and output characteristics must be greater than the values specified in the product technical documents	The output characteristics must be greater than the values specified in the product technical documents
Application	EU Product certification and type approval	China motor certification and type approval	China engine certification and type approval

The Chinese GB/T corresponding to GTR21 has been setted on 2023 12.25th.

The name of GB/T: The determination of system power of hybrid electric vehicles and of pure electric vehicles having more than one electric machine for propulsion-Test method.

We will consider the Chinese product characteristics and formulate chinese standards

混合动力电动汽车及多电机纯电动汽车动力系统功率测试方法

The determination of system power of hybrid electric vehicles and of pure electric vehicles having more than one electric machine for propulsion

国家标准计划 制定 推荐性

国家标准计划《混合动力电动汽车及多电机纯电动汽车动力系统功率测试方法》由 TC114（全国汽车标准化技术委员会）归口，TC114SC27（全国汽车标准化技术委员会电动车辆分会）执行，主管部门为工业和信息化部。

主要起草单位 中国汽车技术研究中心有限公司、重庆长安新能源汽车科技有限公司、比亚迪汽车工业有限公司等。

As the standard plan, the standard “The determination of system power of hybrid electric vehicles and of pure electric vehicles having more than one electric machine for propulsion-Test method” will be finished in June 2025.

