

ISO 8856:2014-01 (E)

Road vehicles - Electrical performance of starter motors - Test methods and general requirements

Contents		Page
Foreword		iv
1	Scope	1
2	Terms and definitions	1
3	Test conditions	2
3.1	Temperature	2
3.2	Measurement accuracy	2
3.3	Voltage/current characteristic of starter motor power supply	2
3.4	Preparation of test samples	3
4	Test benches	3
4.1	General	3
4.2	Type 1 test bench	4
4.3	Type 2 test bench	4
5	Test method	6
5.1	General	6
5.2	Test procedure	6
6	Measurement correction	7
6.1	General	7
6.2	Correction of torque	7
6.3	Correction of rotational frequency with temperature	9
7	Presentation of results	10
7.1	Power output and efficiency calculation	10
7.2	Graphic presentation of starter motor characteristic curves	10
7.3	Change of voltage/current characteristic	10