

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