

ISO 21782-2:2019 (E)

Electrically propelled road vehicles — Test specification for electric propulsion components — Part 2: Performance testing of the motor system

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Abbreviated terms
5	Tests
5.1	Measurement of total loss and total efficiency
5.1.1	General
5.1.2	Test diagram
5.1.3	Test conditions
5.1.4	Test procedure
5.2	Temperature rise test
5.2.1	General
5.2.2	Test diagram
5.2.3	Test conditions
5.2.4	Test procedure
5.3	Torque characteristic test
5.3.1	General
5.3.2	Test diagram
5.3.3	Test conditions
5.3.4	Test procedure
5.4	Torque ripple test
5.4.1	General
5.4.2	Test diagram
5.4.3	Test conditions
5.4.4	Test procedure
6	Test reports
Annex A	(informative) Test reports
A.1	Total loss and total efficiency of the motor system
A.2	Temperature rise test of the motor system
A.3	Torque characteristic test of the motor system
A.4	Torque ripple test of the motor system

Page count: 12