

ISO 13063-1:2022-07 (E)

Electrically propelled mopeds and motorcycles - Safety specifications - Part 1: On-board rechargeable energy storage system (RESS)

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General requirements	3
4.1	Environmental and operational conditions	3
4.2	General electrical requirements	3
4.3	Marking of voltage class B wiring	3
5	Requirements for RESS	4
5.1	General	4
5.2	Isolation resistance measurement for the voltage class B electric power sources	4
5.3	Creepage distance of voltage class B electric components and RESS	4
5.4	Clearance of voltage class B RESS	5
5.5	Requirements for safety means and protection of persons against hazardous situations from RESS	6
5.5.1	Emission of hazardous gases and other hazardous substances	6
5.5.2	Heat generation	6
5.5.3	Protection against electrolyte spills	6
5.6	Accidental or unintentional detachment	6
5.7	Over-current interruption	6
5.8	Requirements for connector of removable RESS	6
6	Owner's guide manual	7
Bibliography		8