

List of Standards Governing Renewable Energy Technologies Available from MBS

S/N	MS NO	Title of Malawi standard
1.	MS 59: 2002	Solid waste – Handling, Transportation and Disposal - Code of Practice MK 4,500.00
2.	MS 62: 1994	Solar water heaters – Specifications MK 4,500.00
3.	MS 155: 2000	Solid Fuel Cook Stove – Type II – Specification MK 3,000.00
4.	MS 158: 1995	Cook stove, solid fuel – Type I – specification MK 4,000.00
5.	MS 480:1995	Cook stoves, solid fuel – Type I – Methods of Test MK 3,500.00
6.	MS 527:1995	Solar Water Heater – Methods of Test MK 4,500.00
7.	MS 695:2004	Battery Based Photovoltaic (PV) Solar home systems - Specifications MK 3,500.00
8.	MS 696:2004	Battery Based Photovoltaic (PV) solar home systems – Code of Practice MK 5,500.00
9.	MS 709: 2005	Fluorescent Light for Use in Photovoltaic (PV) systems – Specification MK 3,000.00
10.	MS 710: 2005	Secondary cells and Batteries for Solar Photovoltaic (PV) Energy Systems – General requirements and Methods of Test MK 4,000.00
11.	MS 711: 2005	Crystalline Silicon Terrestrial Photovoltaic (PV) Modules – Design qualifications and Type approval MK 6,500.00
12.	MS 758: 2006	Domestic Solar Water Heaters – Specifications MK 4,500.00
13.	MS 759: 2006	Solar Water Heaters – Code of Practice MK 5,500.00
14.	MS 760: 2006	Domestic Solar Water Heater Mechanical qualification test MK 3,000.00
15.	MS 761 – 1 : 2006	Domestic Solar water heater – Thermal performance using an outdoor test MK4,500.00
16.	MS 761 – 2: 2006	Domestic Solar water heater – Thermal performance using an indoor test MK 3,000.00
17.	MS 779:2007	Solar Photovoltaic(PV) – wind hybrid system – specification MK 4,500.00
18.	MS 780:2007	Solar Photovoltaic(PV) – water pumping system – specification MK 5,000.00
19.	MS 805:2009	Biodiesel Fuel – specifications MK 4,500.00
20.	MS 858:2011	Wood charcoal and charcoal briquettes for household use – Requirements and test methods MK 4,500.00
21.	MS 888:2012	Jatropha straight vegetable oil – Requirements and test methods MK 4,500.00
22.	MS 889 – 1:2011	Recommendations for small renewable energy and hybrid system for Rural Electrification Part 1: General Introduction to Rural Electrification MK 3,500.00
23.	MS 889 – 2: 2011	Recommendations for small renewable energy and hybrid system for Rural Electrification Part 2: From requirements to a range of electrification systems MK 7,000.00
24.	MS 889 – 3: 2011	Recommendations for small renewable energy and hybrid system for Rural ElectrificationPart 3: project development and management MK 6,500.00
25.	MS 889 – 4: 2011	Recommendations for small renewable energy and hybrid system for Rural Electrification Part 4: System selection and design MK 7,000.00
26.	MS 889 – 5: 2011	Recommendations for small renewable energy and hybrid system for Rural ElectrificationPart 5: protection against electrical hazards MK 5,500.00
27.	MS 889 – 7: 2011	Recommendations for small renewable energy and hybrid system for Rural ElectrificationPart 7: Generators MK 3,500.00
28.	MS 889 – 7: 1: 2012	Recommendations for small RE and Hybrid systems for Rural electrification Part 7 – 1: Generators – Photovoltaic Arrays MK 7,000.00
29.	MS 889 – 8 – 1: 2011	Recommendations for small renewable energy and hybrid system for Rural Electrification Part 8 – 1: Selection of batteries and Battery management Systems for Stand – Alone Electrification systems – specific case of Automotive flooded lead – Acid batteries available in developing countries MK 5,000.00
30.	MS 889 – 9 – 2: 2011	Recommendations for small renewable energy and hybrid system for Rural ElectrificationPart 9 – 2: Micro grids MK 6,500.00
31.	MS 889 – 9 – 3: 2011	Recommendations for small renewable energy and hybrid system for Rural ElectrificationPart 9 – 3: Integrated system – user interface MK 4,000.00
32.	MS 889 – 9 – 4: 2012	Recommendations for small renewable energy and hybrid system for Rural Electrification Part 9 – 4: Integrated system – user interface – User installation MK 5,000.00
33.	MS 889 – 9 – 5: 2011	Recommendations for small renewable energy and hybrid system for Rural ElectrificationPart 9 – 5: Integrated systems – selected portable PV Lanterns for Rural electrification projects MK 5,500.00
34.	MS 889 – 9 – 6: 2011	Recommendations for small renewable energy and hybrid system for Rural Electrification Part 9 – 6: Integrated Systems – selection of Photovoltaic Individual Electrification Systems (PV – IEC) MK 6,000.00
35.	MS 889 – 12 – 1: 2011	Recommendations for small renewable energy and hybrid system for Rural Electrification Part 12 – 1: selection of self – ballasted lamps (CFL) for Rural electrification systems and recommendations for household lighting equipment.MK 4,500.00

S/N	MS NO	Title of Malawi standard
36.	MS – IEC 60904 – 2 : 1984	Photovoltaic Devices Part 2: Requirements for Reference Solar Cells MK 5,000.00
37.	MS – IEC 60904 – 3	Photovoltaic Devices Part 3: Measurement Principles for Terrestrial Photovoltaic (PV) Solar Devices with Reference Spectral Irradiance Data MK 3,500.00
38.	MS – IEC 61173: 1992	Over Voltage Protection for Photovoltaic (PV) Power Generating MK 5,500.00
39.	MS – IEC 61194: 1992	Characteristic Parameters of Stand – Alone Photovoltaic (PV) systems MK 5,500.00
40.	MS – IEC 61215: 2005	Crystalline Silicon Terrestrial Photovoltaic (PV) Modules Design Qualification and Type Approval MK 7,500.00
41.	MS – IEC 61400: - SER – 1: 2005	Wind Turbine Generator Systems Part 1: Safety Requirements MK 6,500.00
42.	MS – IEC 61400 - SER – 12 – 1 : 2005	Wind Turbine Generator Systems Part 12.1: Wind Turbine Power Performance Testing MK 6,500.00
43.	MS – IEC 61400 – SER – 23: 2001	Wind Turbine Generator Systems Part 23: Full Scale Structural Testing of Rotor Blades MK 3,500.00
44.	MS – IEC 61427: 1995	Secondary cells and Batteries for Photovoltaic Energy Systems (PVEs) – General Requirements and methods of Test.MK 6,000.00
45.	MS – IEC 61683	Photovoltaic Systems – Power Conditioners – Procedure for Measuring Efficiency MK 4,000.00
46.	MS – IEC 61701: 1995	Salt Mist Corrosion Testing of Photovoltaic (PV) Pumping Systems MK 4,000.00
47.	MS – IEC 61702: 1995	Rating of Direct Coupled Photovoltaic (PV) Pumping Systems MK 4,000.00
48.	MS – IEC – 61724	Photovoltaic System Performance Monitoring – Guidelines for Measurement, Data Exchange and Analysis MK 4,000.00
49.	MS – IEC 61725	Analytical Expression for Daily Solar Profiles MK 4,000.00
50.	MS – IEC 61727	Photovoltaic (PV) Systems – Characteristics of the Utility Interface MK 5,500.00
51.	MS – IEC 61836	Solar Photovoltaic Energy Systems – Terms and Symbols MK 5,500.00
52.	MS – IEC PAS 62111: 1999	Specifications for the Use of Renewable Energies in rural Decentralized Electrification and electrical Wiring Standards MK 10,500.00