



TITLE: SOLAR HOME SYSTEM (SHS) CHECKLIST

ID: IIU/FRM/031

S/N	INFORMATION TO BE CHECKED	COMMENT
A	Document verification	
1	Full Test report from an accredited laboratory relevant to standard IEC TS 62257-9-5, covering all key elements of SHS and/or IEC TS 62257-9-8	Shall comply with Ministerial Guidelines for SHS
2	Valid Certificate for an Accredited body	Shall comply
3	Evidence that the product meets the service level requirements in Article 5 of the Ministerial Guideline for SHS, as indicated by the designated spreadsheet tool.	Shall comply
B	Mandatory product labelling(The information shall be included on body or on an attached label or sticker)	
	PV	
1	Country of origin	Shall comply with Ministerial Guidelines for SHS
2	Serial Number and/or Model Number	Shall comply with Ministerial Guidelines for SHS
3	Cell type/Solar material	Shall comply with Ministerial Guidelines for SHS
4	Open Circuit Voltage (Voc), V, at STC of 1000 W/m ² and 25°C	Shall comply with Ministerial Guidelines for SHS
5	Short Circuit Current (Isc), A , at STC of 1000 W/m ² and 25°C	Shall comply with Ministerial Guidelines for SHS
6	Maximum Power (Pmax), Watt, , at STC of 1000 W/m ² and 25°C	Shall comply with Ministerial Guidelines for SHS
7	Voltage at Maximum Power (Vmp),V, , at STC of 1000 W/m ² and 25°C	Shall comply with Ministerial Guidelines for SHS
8	Current at Maximum Power (Imp), A, , at STC of 1000 W/m ² and 25°C	Shall comply with Ministerial Guidelines for SHS
	Lights	
1	Country of origin	Shall comply with Ministerial Guidelines for SHS
2	Voltage, V	Shall comply with Ministerial Guidelines for SHS
3	Power, W	Shall comply with Ministerial Guidelines for SHS
4	Luminous flux, Lm	Shall comply with Ministerial Guidelines for SHS
	Battery	
1	Battery chemistry	Shall comply with Ministerial Guidelines for SHS
2	Storage capacity, Ah or Wh	Shall comply with Ministerial Guidelines for SHS

3	Voltage, V	Shall comply with Ministerial Guidelines for SHS
4	Country of origin	
Other appliances (radio, torch, telephone)		
1	Voltage	Shall comply with Ministerial Guidelines for SHS
2	Power	Shall comply with Ministerial Guidelines for SHS
C	Warranty	
1	The product shall have a minimum 3 years of warranty and after sales contract that commits the availability of spare parts and technical service for a minimum 5 years after the installation of the system.	Shall comply with Ministerial Guidelines for SHS
D	Product certification	
1	The product may be certified as individual product.	Option 1
2	The product may be certified as a member of product family.	Option 2
3	For the product certified as family product, their manufacturer Shall be certified by ISO/IEC 9001.	Shall comply with Ministerial Guidelines for SHS
E	Other criteria	
1	The system shall have dismountable parts and shall be designed to allow for spare parts replacement	Shall comply with Ministerial Guidelines for SHS
2	The system Shall have minimum 3 Lamps of at least 120 lumens for each lamp	Shall comply with Ministerial Guidelines for SHS

Note: The products that were certified to meet the Lighting Global Quality Standards for pico-solar products or SHS kits based on IEC 62257-9-5 test reports issued during or prior to 2021 will be considered during a transition period that extends through December 31, 2022.