

Lighting Global Standardized Specifications Book

Manufacturer: JUA Energy

Component Family Name: Home Mate Family

**Date of Standardized
Specifications Book Expiration:** July 31, 2021

Verify Online: <http://www.lightingglobal.org/products/jua-hmfamily>

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This Lighting Global Standardized Specifications Book presents a **component-level Standardized Specifications Sheet** listing the available components in the product family by component type, each individual component's performance rating, and performance results for each component tested according to the Edition 4 of IEC 62257-9-5. Following the component-level Standardized Specifications Sheet is a **list of the systems** covered by this Specifications Book that use combinations of these components.

NOTICE: Systems or kits developed using components from the component family will each perform differently and have not all been evaluated on a system-level basis. All systems listed in this Specifications Book are regarded to have passed the applicable Lighting Global Quality Standards.

Quality Standards Framework Version: 2019

Revision: 2019.07

Component-Level Standardized Specifications Sheet

JUA Energy

Home Mate Family

Battery / Control Box

Name / Model Number	Battery Capacity Rating (mAh)	Measured Battery Capacity (mAh)
40 Wh battery (LiFePo4)	6300	6800
60 Wh battery (LiFePo4)	9400	10000

PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
20 W PV Module	20	19
40 W PV Module	40	38

Light Sources*

Name / Model Number	Luminous Flux Rating (lm)		Measured Luminous Flux (lm)		Measured Lamp Efficacy (lm/W)	
	High	Low	High	Low	High	Low
100 lm lamp	100	--	120	80	120	120
200 lm lamp	200	--	200	80	98	120

NOTICE: As indicated, not all components listed on this page were tested according to the Quality Test Method (QTM) in Edition 4 of IEC 62257-9-5. However, based on the satisfactory performance of the tested components in the family, the components that were not tested are regarded to have passed the applicable Lighting Global Quality Standards. In addition, all tested components passed an internal inspection, the full array of applicable QTM durability tests, as well as ingress protection testing (where applicable).

*Light points and appliances may perform differently when used with different systems.

List of Covered Systems

JUA Energy

Home Mate Family

System Name	Number of each component included in each system							
	100 lm lamp	200 lm lamp	main unit with 60 Wh battery (PAYG)	main unit with 40 Wh battery (PAYG)	main unit with 60 Wh battery	main unit with 40 Wh battery	40 W PV module	20 W PV module
JHM-60G/MY **		3	1				1	
JHM-40G/MY	2	1		1				1
JHM-60		3			1		1	
JHM-40	2	1				1		1

**Tested as full systems. Individual SSS available on Lighting Global website.

NOTICE:

Only the JHM-60G/ MY was fully tested as a system according to Edition 4 of IEC 62257-9-5. Individual Standardized Specifications Sheets (SSS) that report system-level performance are available for the JHM-60G/ MY at www.lightingglobal.org/products. Systems that were not tested, but that were developed using components from the component family will perform differently than the system(s) shown in the individual system-level SSS. All systems listed above are regarded to have passed the applicable Lighting Global Quality Standards.

Unless otherwise noted, the following information applies to all listed systems and components:

Warranty Information

Two year warranty on all kits and components

Marks and Certifications

Factory certification

ISO 9001: 2015