

DATASHEET

DOC NO. MG-M-RD-MS-232

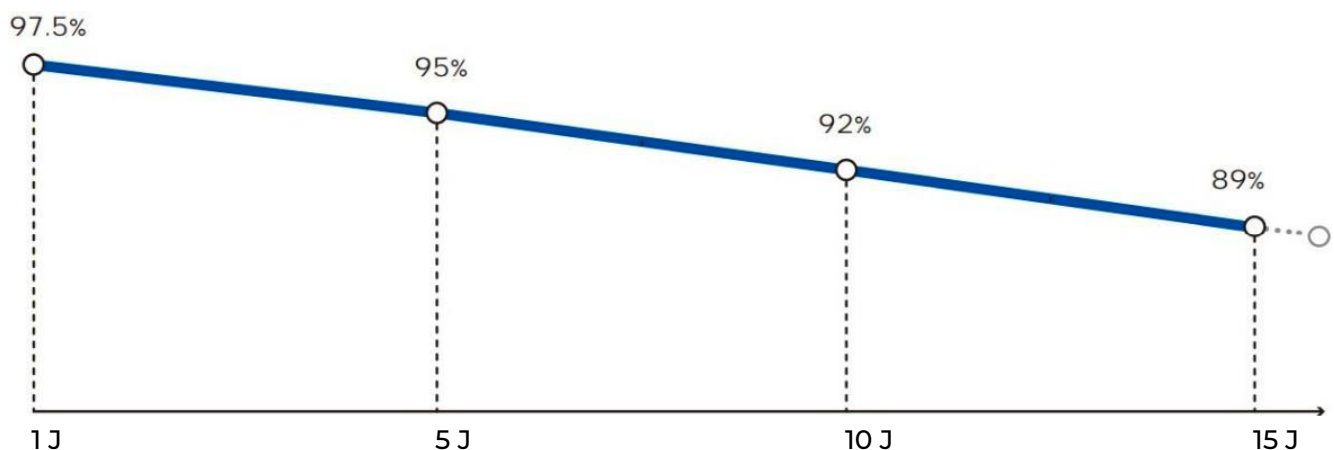
Product Specification
Page: 1/2
Date: July. 10th, 2024

Item		Specifications (light intensity 1000W/m ²)
Performance Parameters	Structure of cell	1. Single crystal TOPCON, 182*182 mm, 16 grid lines, 6X10 arrangement 2. Single crystal TOPCON, 182*183.75 mm, 16 grid lines, 6X10 arrangement
	Output Power	225 W ± 5 %
	Operating temperature	-20 °C to +65 °C
	Open circuit voltage (VOC) 25 °C	42 V
	Short circuit current (Isc) 25 °C	6.51 A
	Operating voltage (Vmpp) 25 °C	36 V
	Operating current (Impp) 25 °C	6.25 A
	Temperature coefficient	TkVoltage -0.25 %/K, TkCurrent +0.045 %/K TkPower -0.3 %/K
	Module Warranty	12 Years
	Certification	CE, REACH, ROHS

Test equipment name: Solar cell module tester

Standard test conditions: STC: irradiance 1000 W/m², cell temperature 25° spectrum AM1.5

Solar linear power output guarantee



STRUCTURE SIZE
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Page: 2/2
Date: July. 10th, 2024

Item		Specifications (light intensity 1000W/m2)
Structure Size	Length	1.009 mm ± 2 mm
	Width	1.159 mm ± 2 mm
	Thickness	3mm ± 0.2mm (solar cell area)
	Junction Box Size	AWG 4 mm2 length 0.45 m, MC4 connector
	Weight	4.6 ± 0.5 kg

