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Solar Panel Guide Specification Data Sheet

Sunlife Solar Co. Pvt. Ltd SLS055-60M SLS060M

Also available on the web at EnergyPal.com/sunlife-solar-co-pvt-ltd-solar-panels/sls060m

	Sunlife Solar www.sunlifesolar.com.pk			36 CELLS MONOCRYSTALLINE
ELECTRICAL	SPECIFICATIONS			PHYSICAL CHARACTERISTICS
Model NO.		SLS055M	SLS060M	
Peak power(Pmax)		55W	60W	
Maximum power voltage(Vmp)		17.8V	18V	
Maximum power current(Imp)		3.08A	3.33A	
Short-circuit current(Isc)		3.27A	3.53A	

±3%

-40°C to +85°C

600VDC

22.4V

17.20%

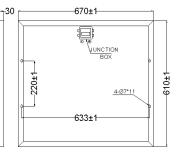
0.037%/℃

-0.34%/°C

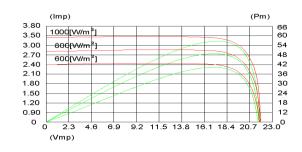
-0.48%/℃

22.1V

16.50%



ELECTRICAL CHARACTERISTICS



MECHANICAL SPECIFICATIONS Cell Type 156mm

Centype	13011111		
Number of Cells	36 cells in series		
Weight	5.3 kg (11.66 lbs)		
Dimension	610×670×30mm		
Max Load	5400 Pascals (112 lb/ft2)		
Junction Box			
Cable/Connector			

STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C

ELECTRICAL SPECIFICATIONS PHYSICAL CHARACTERISTICS SLS080M Model NO. SLS075M 670±1 Peak power(Pmax) 75W 80W 18.0V 18.2V Maximum power voltage(Vmp) Maximum power current(Imp) 4.16A 4.39A Short-circuit current(Isc) 4.41A 4.65A 280±1 Open circuit voltage(Voc) 22.4V 22.1V 4-Ø7*11 18.20% Cell efficiency(n) 17.20% 633± ±3% Power tolerance: -40°C to +85°C **Operating temperature** Maximum system voltage 600VDC **TEMPERATURE COEFFICIENTS ELECTRICAL CHARACTERISTICS** Current temperature coefficient **0.037%/℃** Voltage temperature coefficient -0.34%/°C (Imp) 5.40 1000[VV/m²] Power temperature coefficient -0.48%/°C 4.80 800[VV/m²] 4.20 STC: Irradiance of 1000W /m2, AM 1.5, Cell Temperature of 25°C 600[W/m 3.60 **MECHANICAL SPECIFICATIONS** 3.00 2.40 Cell Type 156mm 1.80 1.20 Number of Cells 36 cells in series 0.60 Weight 6.7 kg (14.74lbs) 0 9.2 11.5 13.8 16.1 18.4 20.7 o 2.3 46 6.9 Dimension 770×670×30mm (Vmp) Max Load 5400 Pascals (112 lb/ft2) Junction Box

*Due to continuous innovation, research and product improvement, the specifications are subject to change without prior notice *The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

25-year performance warranty 5-year warranty on materials and workmanship The specifications are subject to change without prior notice.

770±1

(Pm)

90

80

70

60

50

40

30

20

10

23.0

SLS055M SLS060M

SLS075M SLS080M

Open circuit voltage(Voc)

Operating temperature

Maximum system voltage **TEMPERATURE COEFFICIENT**

Current temperature coefficient

Voltage temperature coefficient

Power temperature coefficient

Cell efficiency(η)

Power tolerance:

Cable/Connector