

Samsung LPC241SM

Specifications



Electrical Characteristics

	STC 1000W/m ²	NOCT 800W/m ²
Maximum power (P _{Max})	241W	165.6w
Voltage at P _{max} (V _{mpp})	30.1V	25.9V
Current at P _{max} (I _{mpp})	8.01A	6.32A
Short circuit current (I _{cs})	8.40A	6.80A
Open circuit voltage (V _{oc})	37.4V	33.4V
Module Efficiency	15.06%	
Tolerance	-3/+5%	
Normal Voltage	20V	

Mechanical Characteristics

Solar Cells	60 monocrystalline silicon cells (156x156mm) in series
Front Cover	3.2 mm(0.13 in.) Tempered glass
Encapsulant	IP65
Frame	Anodized Aluminum
Output Cables	(-)900 mm, (+)900 mm, (-)35.43 in., (+)35.43 in. UL : Tyco Solarlok Connector(6-1394461-2) VDE : Bizlink S418-xyz series(S418-xyz)
Dimensions	1630 x 982 x 47 mm, 64.17 x 36.66 x 1.85 in.
Weight	18.6 kg (41 lbs)

Warranty

5 years limited product warranty
10 years limited warranty of 90% power output
25 years limited warranty of 80% power output



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