

# Solar Embedded Roof (SER) Panel



Most innovative & economical solution for rooftop solar plants



Totally waterproof & easy to install



No need of additional solar mounting structure



SER sheet comes with 10yrs mechanical warranty against manufacturing defects & 12 yrs 90% rated power & 25yrs at 80% rated output power



Zinc coated sheet with attractive powder coated colours to improve the look of the roof



Additional heat sink of solar panels to increase the efficiency of the panel in higher temperature ranges



High quality low iron, highly transparent, tempered textured glass ensure high light absorptions



Metal sheet laminated on the rear side reduces moisture absorptions & reduces the degradation of the panel



Easy to clean the roof



Reduces the cost & time for new premises or to convert from asbestos sheet to metal roof



## Applications

Solar power plants for:  
Warehouses  
Terraces  
Factories  
Residences

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[www.mxpower.com](http://www.mxpower.com)

**CAUTION: READ SAFETY AND INSTALLATION MANUAL BEFORE USING THE PRODUCT.**

Specifications included in this datasheet are subject to change without notice. Electrical data without guarantee. Please confirm your exact requirement with the company representative while placing your order.

# Solar Embedded Roof (SER) Panel



## Models Electrical Data ----- SER -----

Rated Power (Wp)	205
Maximum Voltage (Vmp)	25.4
Maximum Current (Imp)	8.14
Open Circuit Voltage (Voc)	30.46
Short Circuit Current (Isc)	8.81
Module Efficiency (%)	6.9

## Temperature Coefficients ----- SER -----

Tc of Open Circuit Voltage	-0.31 % /O C
Tc of Short circuit Current	0.052%/O C
Tc of Power	-0.41%/O C
NOCT	47

## Mechanical Data ----- SER -----

Length x Width x Height	3000 x 1016 x 50
No of Cells	48
Mechanical Load Test	5400Mpa
Weight	27 Kgs
Maximum Series Fuse Rating	15
Cable	4 mm <sup>2</sup>
Connectors	MC4

## Dimensions

2400

