



# SVERIGEPANELEN SuperPower 450W

Art: GSUB450SP

## Mechanical Diagrams

SPECIFICATIONS	
Weight	23,5 kg
Dimensions	2094mm x 1038mm x 40mm
Cell Amount	6*24 pcs
Maximum System Voltage	1000V DC (IEC)
Junction Box	IP67 (3 or 6 diodes)
Frame	Silver or anodized aluminum Alloy
Cable	Photovoltaic Technology cable 4.0 mm <sup>2</sup> (0,006 inches <sup>2</sup> ) Portrait 300mm(+)/300m(-)
Connector	MC4 or MC4 compatible

## Electrical Parameters at STC

Power	420W	430W	435W	440W	445W	450W	455W
Open Circuit Voltage	48,3V	48,5V	48,7V	48,9V	49,1V	49,3V	49,5V
Short Circuit Current	11,23A	11,31A	11,39A	11,46A	11,53A	11,6A	11,66A
Maximum Power Voltage	40,51V	40,7V	40,9V	41,1V	41,3V	41,5V	41,7V
Maximum Power Current	10,5A	10,57A	10,64A	10,71A	10,78A	10,85A	10,92A
Module Efficiency	19.60%	19.8%	20%	20.2%	20.5%	20.7%	20.9%

\* Under Standard Test Conditions (STC) of irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C.

## Temperature Characteristics

NMOT	44±2°C	Temp Coefficient of ISC	+0.057%/°C
Temp Coefficient of VOC	-0.29%/°C	Temp Coefficient of Pmax	-0.37%/°C

## Packing Configuration

Modules/Pallet 30 Pieces Modules per 20'/40HQ Container 260 pcs / 800 pcs

## Maximum Rating

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	15A