

# SPU-250P

## Poly Crystalline Module



**High Conversion Efficiency**  
High input efficiency to guarantee power output.



**0 to +3% Positive Tolerance**  
Solar Panel will generate at least as much power as being shown on electrical sheet.



**Self-Cleaning Glass**  
Made of a specific type of glass with a surface that keeps itself free of dirt and grime.



**48-Hour Response Service**  
Ensure clients can get the response within 48-hour from our technical support team.



**Free Microcrack**  
Our State of the Art Technologies ensure our Solar Panel to meet the expected lifespan.



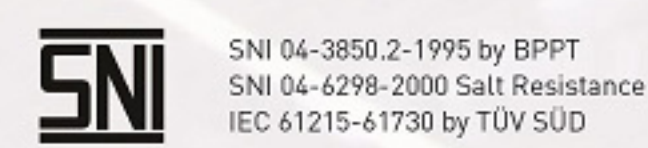
**20 Years Performance Warranty**  
With maximum degression in performance of 1% annually.



**Outstanding Low Irradiation Performance**  
High yield performance even on low light such as cloudy or shaded conditions.



**8 Years Materials & Workmanship Warranty**  
All of our products will be free from defects in material and workmanship, under normal use and proper handling.



# SPU-250P

## Poly Crystalline Module

### SPECIFICATIONS

#### ELECTRICAL SPECIFICATION

Module Type	SPU-250P
Maximum Power (Pmax)	250 Wp
Maximum Power Voltage (Vmp)	30.58 V
Maximum Power Current (Imp)	8.39 A
Open-circuit Voltage (Voc)	37.67 V
Short-circuit Current (Isc)	8.84 A
Maximum System Voltage	1000 V
Maximum Rated Current Series	14 A
Power Tolerance	+3%
Nominal Operating Cell Temperature (NOCT)	45±2°C
Module Efficiency	Please refer to Test Report

#### MECHANICAL SPECIFICATION

Cell Size	156 x 156 mm
Number of Cell	60 Cells
Netto Weight	19 Kg
Gross Weight	42.5 Kg
Dimension	1650 x 992 x 40 mm
Bypass Diode	3
Junction Box IP Rating	IP 67 (dust & water protection)
Lifetime	20 Years

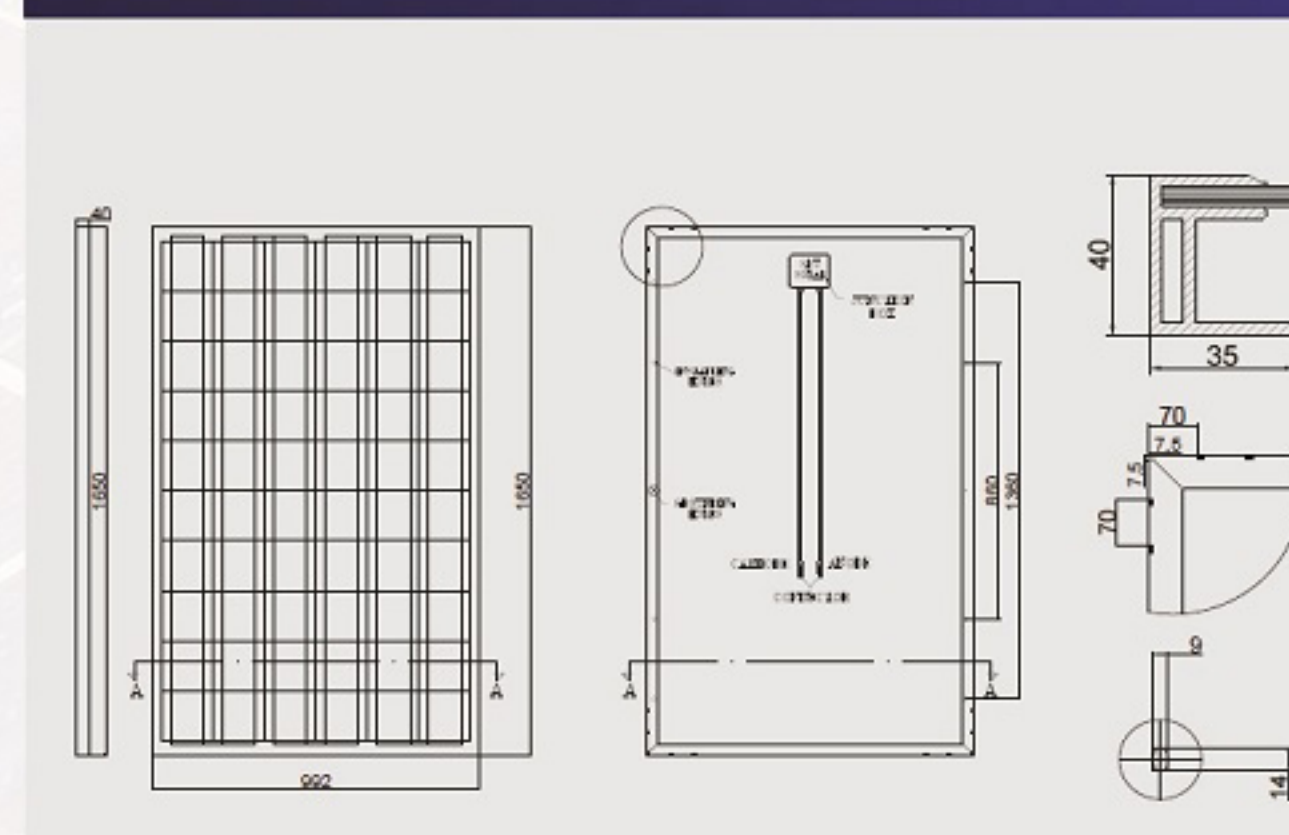
#### TEMPERATURE COEFFICIENT

Operating Temperature	-40°C-85°C
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.33%/°C
Temperature Coefficient of Isc	-0.04%/°C

#### PACKING MANNER

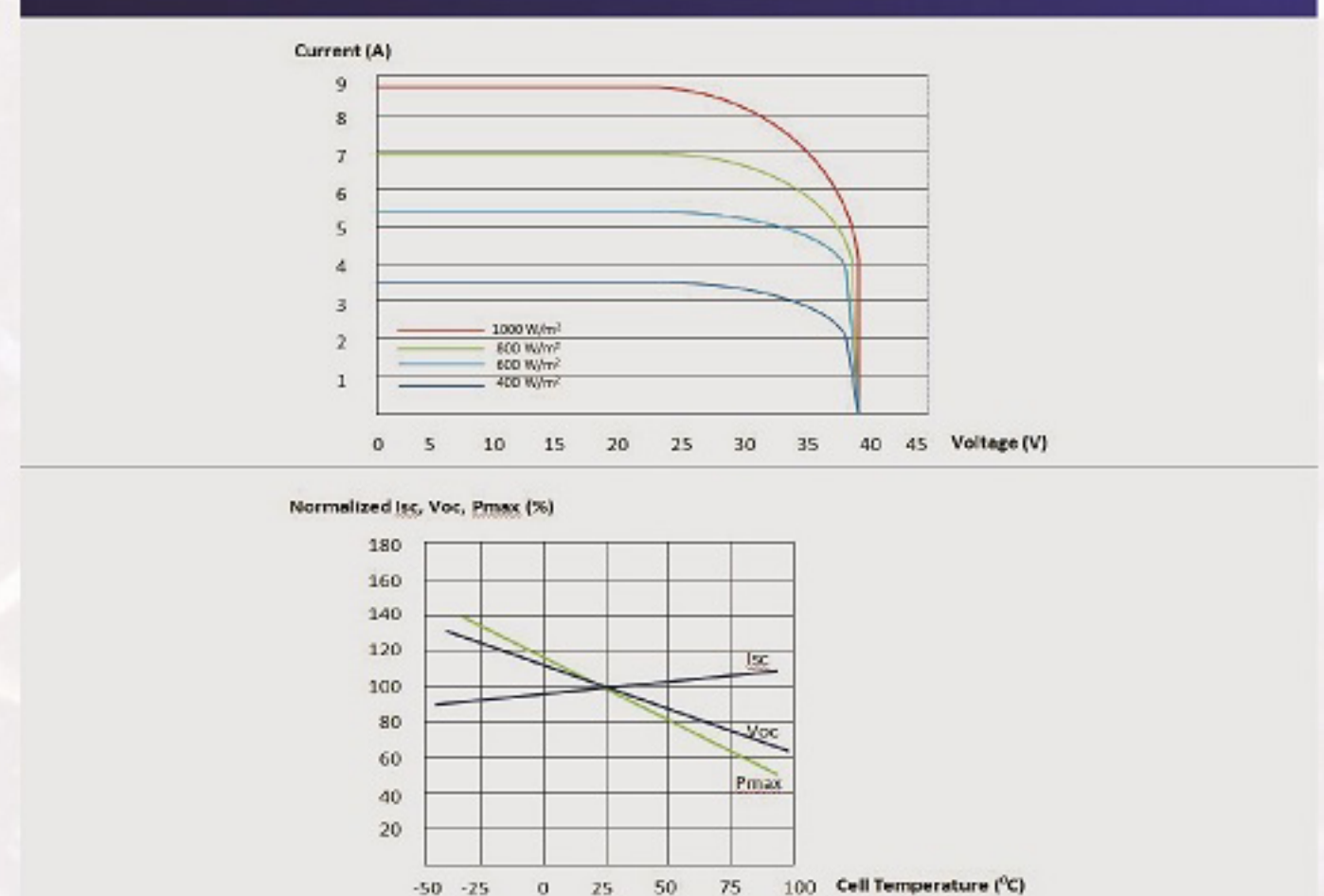
Piece / Box	2 Pcs
Piece / 20 Feet Container	300 Pcs
Piece / 40 Feet Container	600 Pcs

#### ENGINEERING DRAWINGS



The company reserves the final right of explanation on any information hereby presented

#### I-V CURVES & TEMPERATURE



I-V Curves & Temperature Dependence of Isc, Voc, Pmax

STC: Irradiance 1000 W/m<sup>2</sup> Module Temperature 25°C AM=1.5

Please contact [cs@swadayaprima.com](mailto:cs@swadayaprima.com) for technical support. This parameters is for reference only and it is not a part of the contracts, The specification are subject to change without prior notice.