

Poly-Crystalline

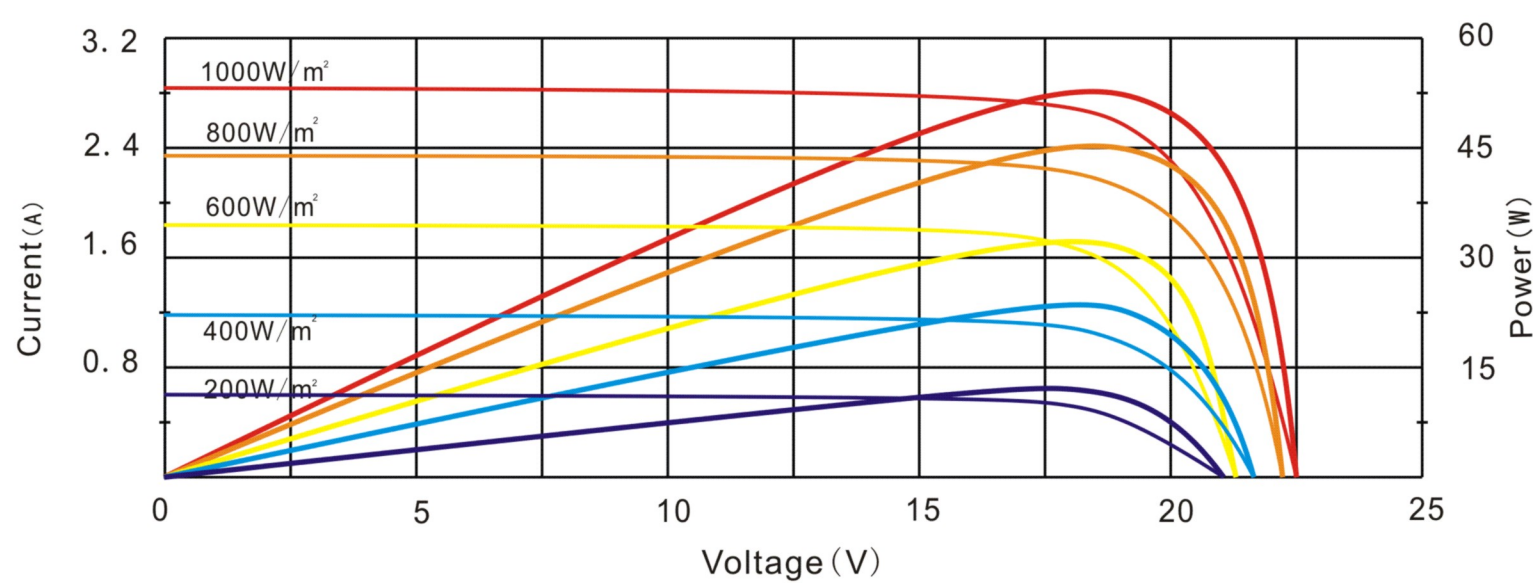
SEP50-36-P 50W

Electrical Characteristics at Standard Test Conditions (STC):

Maximum Power (Pmax):	50W
Power Tolerance:	0~+5W
Rated Voltage at Pmax (Vmp):	18.0V
Rated Current at Pmax (Imp):	2.78A
Open-circuit Voltage (Voc):	22.4V
Short-circuit Current (Isc):	3.01A
Module Efficiency (η_m):	13.5%

• STC: Irradiance 1000W/m, Cell temperature 25°C, Air mass AM1.5 according to EN60904-3.

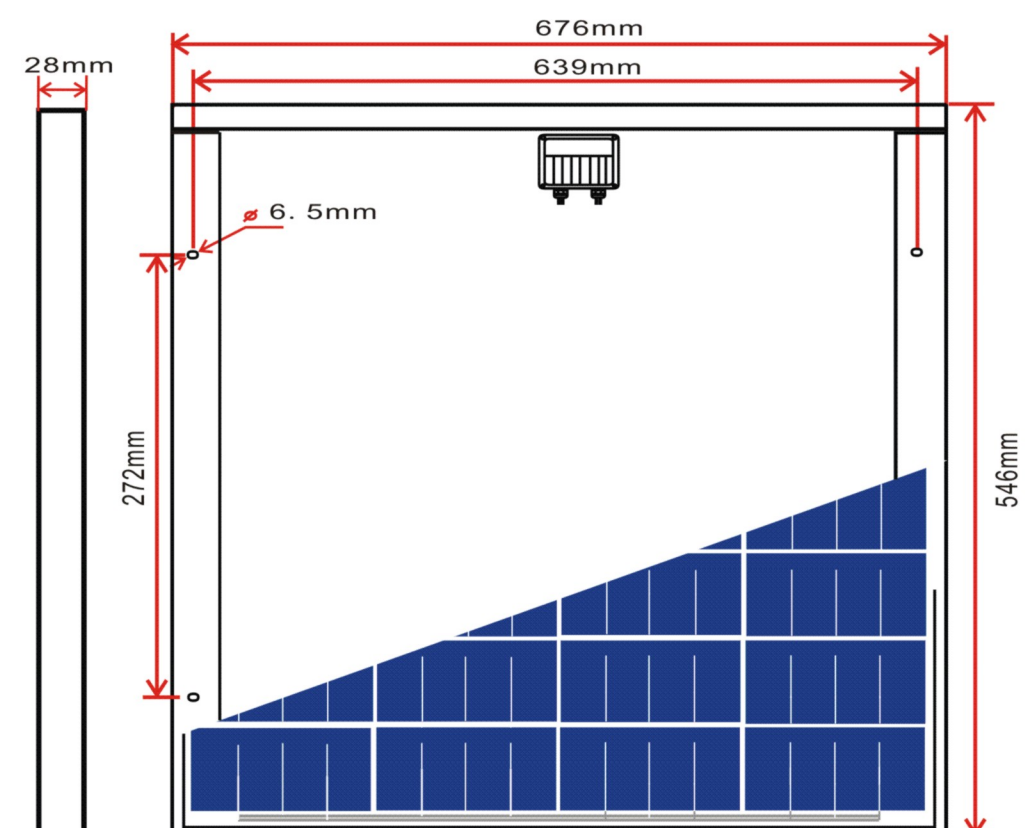
I-V (50W)



Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell:	36 pcs poly-crystalline 156×52mm
Frame :	anodized aluminum alloy/silver
Module Dimension (L×W×H):	546×676×28mm
Weight:	4.0kg

Dimensions (tolerance ±2mm)



Rating Characteristics:

Maximum System Voltage:	600VDC
Application Class:	Class A
Maximum Over-Current Rating:	10A
Operating Temperature:	85% Rh, -40°C ~ +85°C
Maximum Wind Loads (front & back):	2400Pa
Maximum Hailstone Impact (diameter @ 23m/s):	25mm

