

Mono-Crystalline

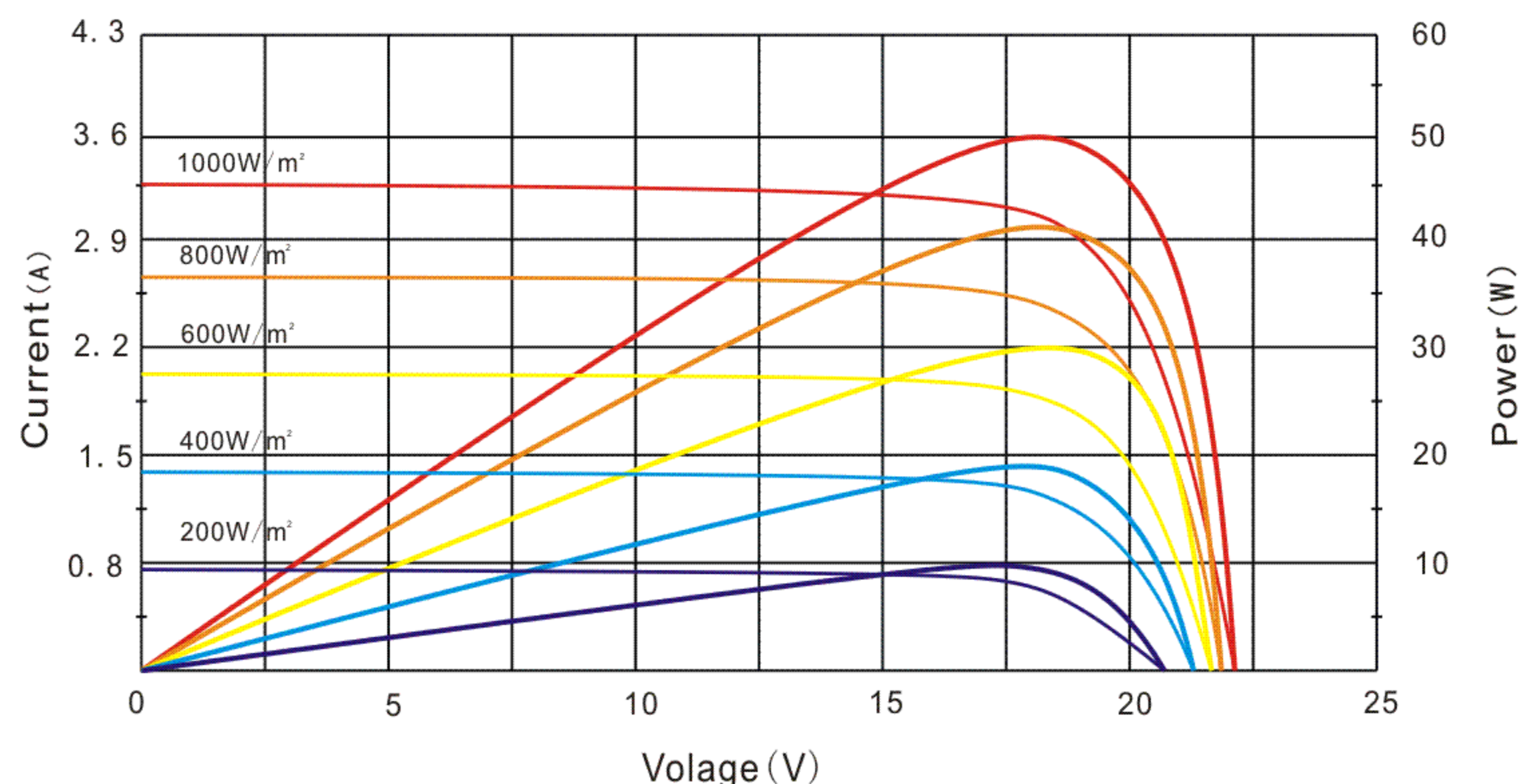
TDB125×125×2/3-36-P 50W 55W 60W

Electrical Characteristics at Standard Test Conditions (STC):

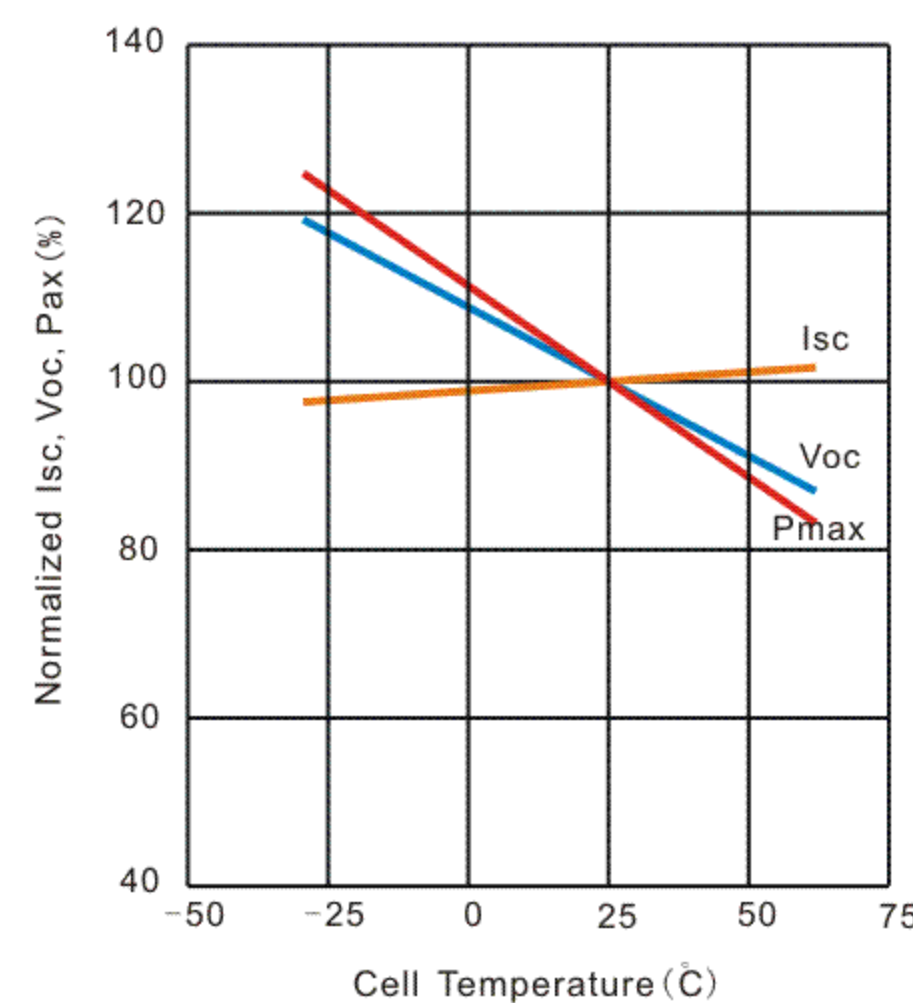
Maximum Power (Pmax):	50W	55W	60W
Power Tolerance:	±3%	±3%	±3%
Rated Voltage at Pmax (Vmp):	17.5V	17.8V	18.1V
Rated Current at Pmax (Imp):	2.86A	3.09A	3.32A
Open-circuit Voltage (Voc):	21.7V	22.0V	22.3V
Short-circuit Current (Isc):	3.24A	3.42A	3.52A
Module Efficiency (ηm):	10.9%	12.0%	13.1%

• STC: Irradiance 1000W/m², Cell temperature 25°C, Air mass AM1.5 according to EN60904-3.

I-V (50W)



Temperature Dependence of Isc, Voc, Pmax:



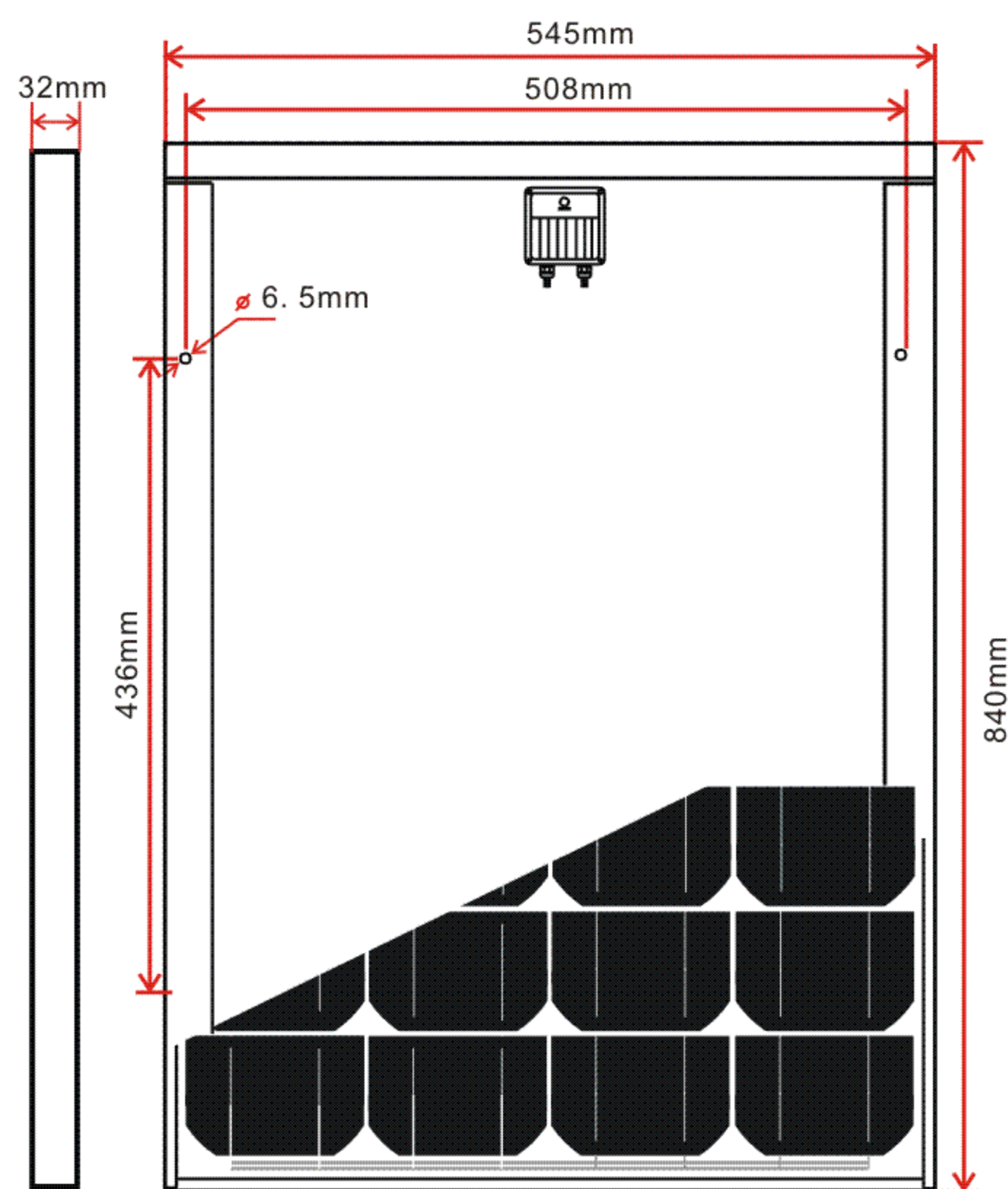
Construction Characteristics:

Front Cover:	low-iron tempered glass/3.2mm
Cell:	36 pcs mono-crystalline 125×125×2/3mm
Frame:	anodized aluminum alloy/silver
Module Dimension (L×W×H):	840mm×545mm×32mm
Weight:	5.5kg

Rating Characteristics:

Maximum System Voltage:	600VDC
Application Class:	Class A
Maximum Over-Current Rating:	5A
Operating Temperature:	85% Rh, -40°C ~ +85°C
Maximum Wind Loads (front & back):	2400Pa
Maximum Hailstone Impact (diameter @ 23m/s):	25mm

Dimensions (tolerance ±2mm)



The company meets the rigorous requirement of

ISO9001 Quality Management System

ISO14001 Environmental Management System

OHSAS18001 Occupation Health Safety Management System

