

Mono-Crystalline

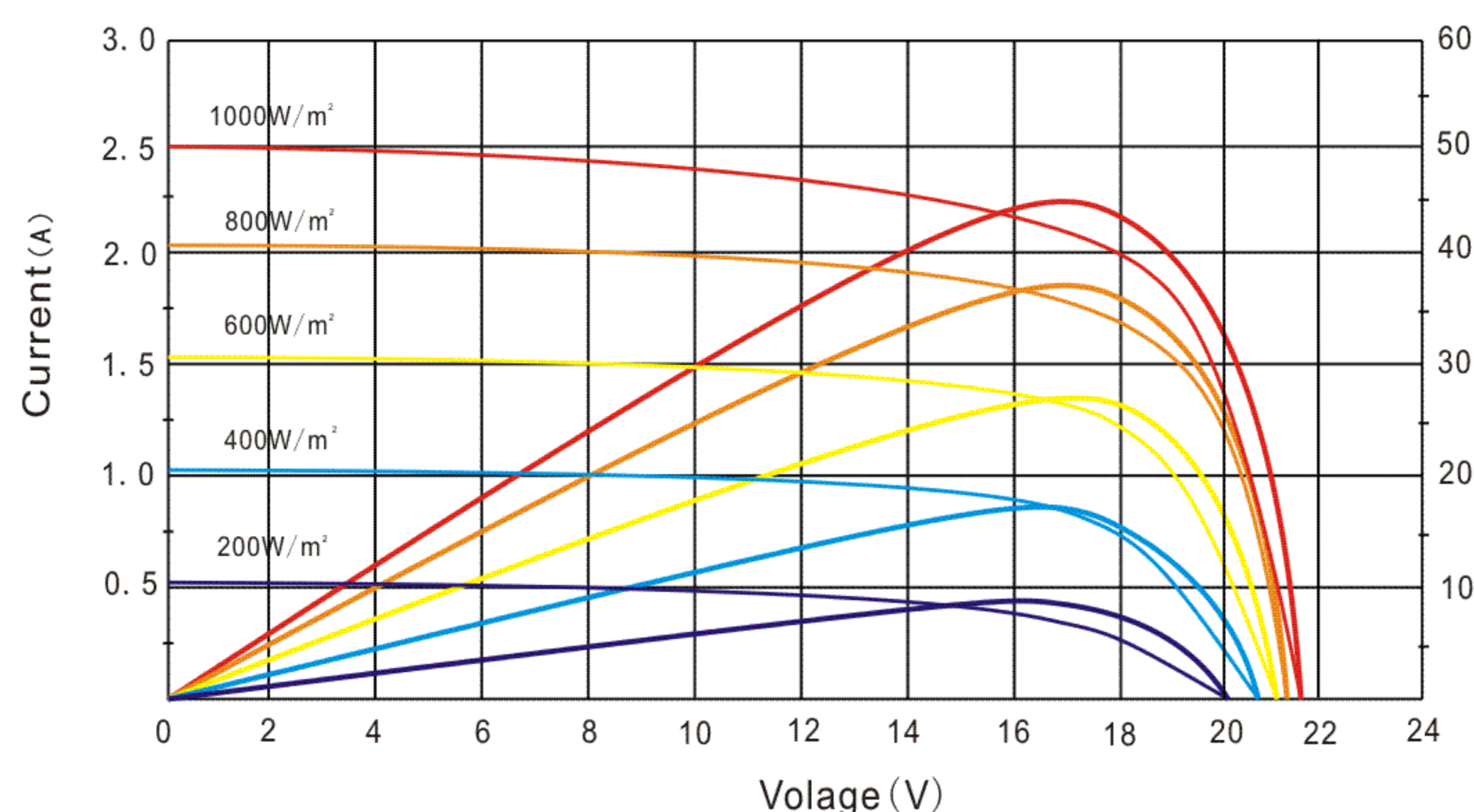
TDB125×125/2-36-P 40W 45W

Electrical Characteristics at Standard Test Conditions (STC):

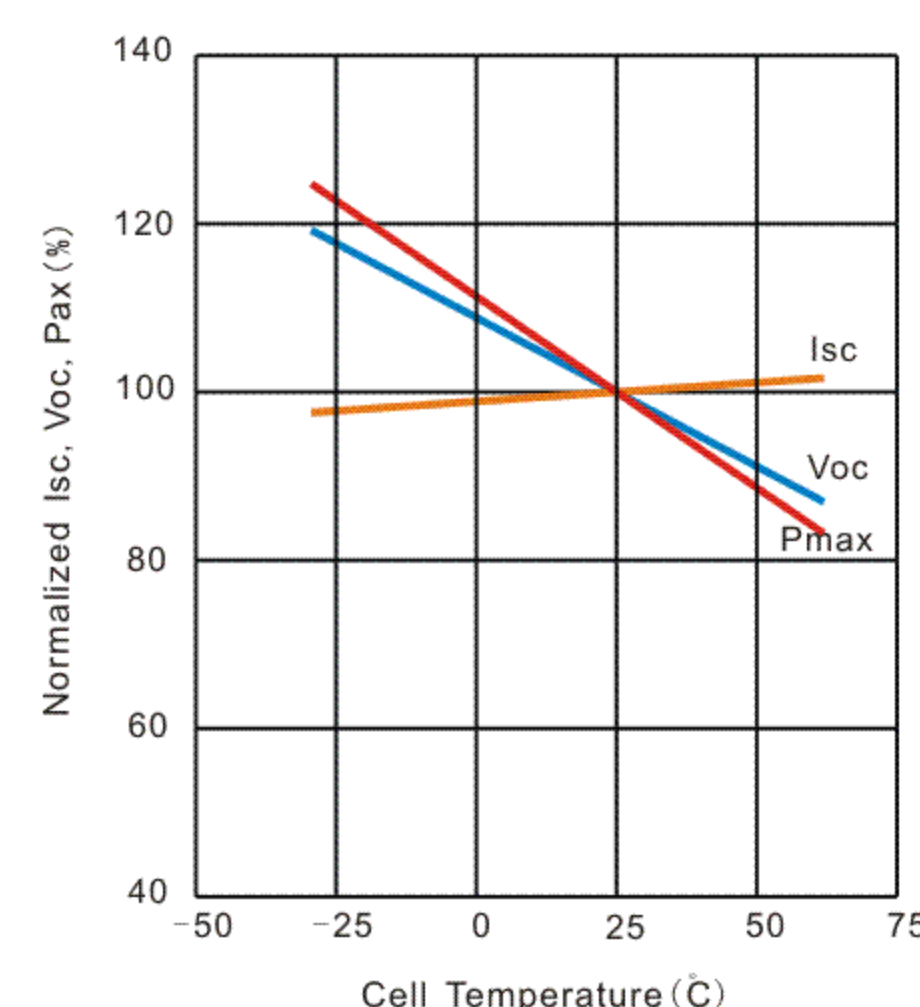
Maximum Power (Pmax):	40W	45W
Power Tolerance:	±3%	±3%
Rated Voltage at Pmax (Vmp):	17.6V	17.9V
Rated Current at Pmax (Imp):	2.28A	2.51A
Open-circuit Voltage (Voc):	21.8V	22.1V
Short-circuit Current (Isc):	2.50A	2.65A
Module Efficiency (ηm):	12.0%	13.5%

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

I-V (45W)



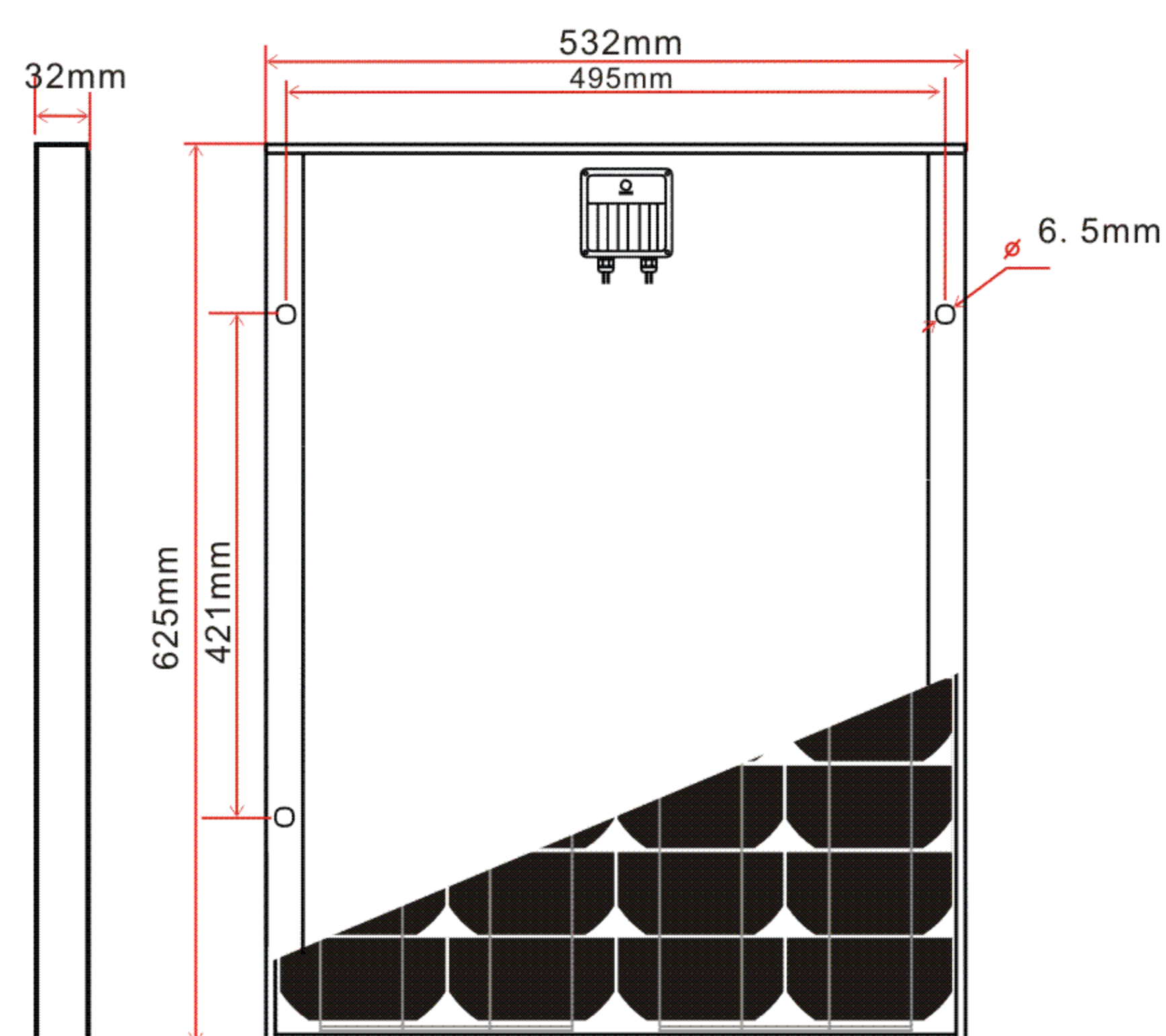
Temperature Dependence of Isc, Voc, Pmax:



Construction Characteristics:

Front Cover :	low-iron tempered glass/3.2mm
Cell :	36 pcs mono-crystalline 125×125/2mm
Frame :	anodized aluminum alloy/silver
Module Dimension (L×W×H):	625mm×532mm×32mm
Weight:	4kg

Dimensions (tolerance ±2mm)



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

The company meets the rigorous requirement of

ISO9001 Quality Management System
 ISO14001 Environmental Management System
 OHSAS18001 Occupation Health Safety Management System

